

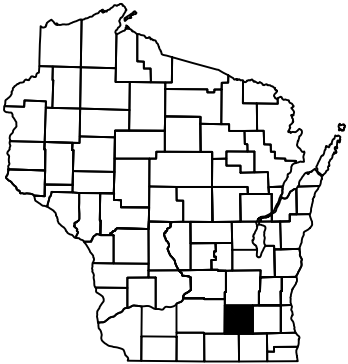
PROJECT ID:
WITH: 3080-09-61

COUNTY:
JEFFERSON

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION 3080-09-61

A.A.D.T.	2019	=	2600
A.A.D.T.	2039	=	3000
D.H.V.		=	10.5%
D.D.		=	60/40
T.		=	12.5
DESIGN SPEED		=	60 MPH
ESALS		=	N/A

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

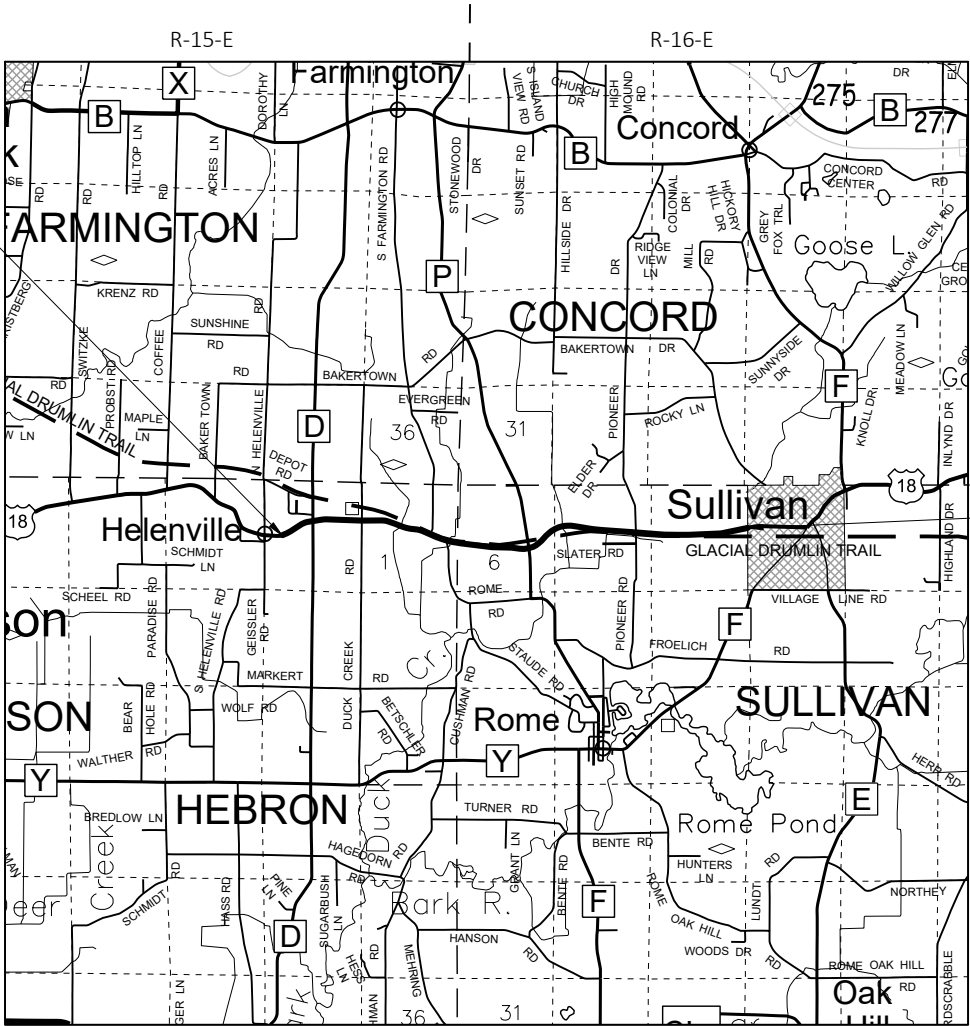
JEFFERSON - WALES

HELENVILLE RD TO W LIMIT V SULLIVAN

USH 18
JEFFERSON COUNTY

STATE PROJECT NUMBER
3080-09-61

BEGIN PROJECT
STA. 330+00
Y = 561,127.85
X = 884,966.38



LAYOUT
SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 5.34 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, JEFFERSON COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3080-09-61		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	JEWELL ASSOCIATES ENGINEERS, INC
Designer	TIJLER DEYMARCOS
Project Manager	JEREMY HALL
Regional Examiner	SW REGION
Regional Supervisor	JAMES OETTINGER
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

STANDARD ABBREVIATIONS

AC.	ACRE	MAX.	MAXIMUM
AGG.	AGGREGATE	MGAL	1000 GALLONS
AH	AHEAD	MIN.	MINIMUM
<	ANGLE	N.C.	NORMAL CROWN OR NO CHANGE
AE, AEW	APRON ENDWALL	N	NORTH
ASPH.	ASPHALTIC	NO.	NUMBER
A.D.T.	AVERAGE DAILY TRAFFIC	PAV'T	PAVEMENT
B.F.	BACK FACE	P.L.E	PERMANENT LIMITED EASEMENT
BK.	BACK	P.C.	POINT OF CURVATURE
BEG.	BEGIN	P.I.	POINT OF INTERSECTION
B.M	BENCH MARK	P.T.	POINT OF TANGENCY
C/L	CENTER LINE	V.P.C.	VERTICAL POINT OF CURVATURE
D	CENTRAL ANGLE OR DELTA	V.P.I.	VERTICAL POINT OF INTERSECTION
C.M.C.P.	CORRUGATED METAL CULVERT PIPE	V.P.T.	VERTICAL POINT OF TANGENCY
C.M.P.	CORRUGATED METAL PIPE	PCC	PORTLAND CEMENT CONCRETE
CO.	COUNTY	P.E	PRIVATE ENTRANCE
CTH	COUNTY TRUNK HIGHWAY	P.L.	PROPERTY LINE
CR.	CREEK	R	RADIUS OR RANGE
C.A.B.C.	CRUSHED AGGREGATE BASE COURSE	R/L	REFERENCE LINE
C.Y.	CUBIC YARD	R.C.C.	
C.P.	CULVERT PIPE	P.	REINFORCED CONCRETE CULVERT PIPE
C. & G.	CURB AND GUTTER	RT	RIGHT
D	DEGREE OF CURVE	REQ'D	REQUIRED
D.H.V.	DESIGN HOUR VOLUME	R.H.F.	RIGHT HAND FORWARD
DIA.	DIAMETER	R/W	RIGHT OF WAY
DISCH.	DISCHARGE	R.	RIVER
EA	EACH	RD.	ROAD
E	EAST	SHLD.	SHOULDER(S)
	ELECTRIC(AL), ELEC.	SHR.	SHRINKAGE
ELEC.	CABLE	S	SOUTH
EL., ELEV.	ELEVATION	S.F.	SQUARE FOOT (FEET)
EXC.	EXCAVATION	SDD	STANDARD DETAIL DRAWING(S)
F.F.	FACE TO FACE	STH	STATE TRUNK HIGHWAY
FERT.	FERTILIZER	STA.	STATION
F.E	FIELD ENTRANCE	S.E	SUPERELEVATION
F/L, F.L.	FLOW LINE	S/L	SURVEY LINE
CWT.	HUNDRED WEIGHT	T	TANGENT
INL	INLET	TEL.	TELEPHONE
INTER.	INTERSECTION	TEMP.	TEMPORARY
JT.	JOINT	T.L.E	TEMPORARY LIMITED EASEMENT
LT	LEFT	T.O.C	TOP OF CURB
L.H.F.	LEFT HAND FORWARD	T.	(TRUCKS) PERCENT OF
L.	LENGTH OF CURVE	TYP.	TYPICAL
L.F.	LINEAR FOOT(FEET)	UNCL.	UNCLASSIFIED
LC.	LONG CHORD	U.G.	UNDERGROUND (CABLE)
LS	LUMP SUM	V.C.	VERTICAL CURVE
M.P.	MARKER POST	W	WEST

WISDOT CONTACTS
WISDOT PROJECT MANAGER
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WISDOT PROJECT LEADER
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2101 WRIGHT ST.
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tijler.deymarcos@dot.wi.gov

DNR CONTACTS
DNR LIASON
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laura.bub@wisconsin.gov

TOWN OF JEFFERSON CONTACTS
TOWN CLERK
TINA BARNES
W7002 COUNTY ROAD J
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tlbarnes919@yahoo.com

TOWN OF SULLIVAN CONTACTS
TOWN CLERK
DAWN LYNN
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townofsullivan@centurytel.net

JEFFERSON COUNTY CONTACTS
HIGHWAY OPERATIONS MANAGER
BRIAN UDOVICH
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UTILITIES CONTACTS

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COMMUNICATION LINE
CAROL ANASON
316 W WASHINGTON AVE
MADISON, WI 53701
(608) 252-2385
ca2624@att.com

CENTURYLINK -
COMMUNICATION LINE
KEVIN ZICKERT
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
(262) 392-5200
kevin.zickert@centurylink.com

CHARTER COMMUNICATIONS -
COMMUNICATION LINE
BRANDON STORM
2701 DANIELS ST.
MADISON, WI 53718
(608) 274-3822
brandon.storm@charter.com

GUARDIAN PIPELINE -
GAS/PETROLEUM
VICTOR DUFOUR
23823 W AMOCO RD
CHANNAHON, IL 60410
(815) 467-4633
victor.dufour@oneok.com

LEVEL 3 COMMUNICATIONS LLC -
COMMUNICATION LINE
BRAHIM GADDOUR
SUITE 600, 3235 INTERTECH DR.
BROOKFIELD, WI 53045
(815) 908-1027
relo@level3.com

PAETEC COMMUNICATIONS, LLC -
COMMUNICATION LINE
KEVIN PARRIS
1858 WRIGHT ST.
MADISON, WI 53704
(608) 819-5016
kevin.j.parris@windstream.com

SPRINT COMMUNICATIONS CO LP -
COMMUNICATION LINE
JAMES BURTON
1901 N. ROSELLE RD., SUITE 500
SCHAUMBURG, IL 60195
(608) 955-6659
james.m.burton@sprint.com

SULLIVAN SANITARY DISTRICT #1 -
SEWER
MARY BALL
W1946 MILWAUKEE
SULLIVAN, WI 53178-9623
(262) 593-8383
mlball@centurytel.net

TDS TELECOM -
COMMUNICATION LINE
MATTHEW SCHULTE
16924 WEST VICTOR RD
NEW BERLIN, WI 53151
(262) 754-3063
matt.schulte@tdstelecom.com

TIME WARNER CABLE -
COMMUNICATION LINE
LARRY PIHLSTROM
3520 DESTINATION DR
APPLETON, WI 54915
(920) 831-9211
larry.pihlstrom@twcable.com

WE ENERGIES -
ELECTRICITY
DAN SANDE
333 W EVERETT ST
MILWAUKEE, WI 53203
(414) 221-4578
dan.sande@we-energies.com

WE ENERGIES -
GAS/PETROLEUM
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dan.sande@we-energies.com

WINDSTREAM KDL, LLC -
COMMUNICATION LINE
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MADISON, WI 53704
(608) 819-5016
kevin.j.parris@windstream.com

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE FIELD ENGINEER.

DIMENSIONS GIVEN FOR EXISTING FEATURES SHALL BE CONSIDERED APPROXIMATE AND MEASURED IN THE FIELD FOR MATCHING PURPOSES.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, ALL SIGNS RELATING TO THIS OPERATION SHALL BE COVERED OR REMOVED AND FACILITY RESTORED TO NORMAL OPERATOINS.

THE EXACT LOCATIONS AND LIMITS OF COMMERCIAL, FIELD, AND PRIVATE ENTRANCES SHALL BE DETERMINED BY THE FIELD ENGINEER.

APPLY TACK COAT TO THE MILLED SURFACE AT A RATE OF 0.07 GAL/SY, PRIOR TO PLACING HMA PAVEMENT.

HMA PAVEMENT LIMITS AT INTERSECTIONS ARE TO BE DETERMINED BY THE FIELD ENGINEER.

HMA PAVEMENT SHALL BE CONSTRUCTED WITH A SINGLE 2-INCH LAYER OF HMA PAVEMENT 4 LT 58-28 S. PAVE 2 INCHES OF HMA PAVEMENT 4 LT 58-28 S IN AREAS WHERE EXTRA DEPTH MILLING IS REQUIRED AS THE PLANS SHOW, OR AS DETERMINED BY THE FIELD ENGINEER.

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 112 LB/IN/SY.

PAVING OPERATIONS BY THE CONTRACTOR SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN DRIVING, TURNING, OR PASSING LANES.

EXISTING SHOULDER AGGREGATE SHALL BE INCORPORATED INTO THE NEW SHOULDERS UNLESS OTHERWISE DIRECTED BY THE FIELD ENGINEER.

SHOULDERS SHALL BE PLACED, SHAPED, AND COMPACTED PRIOR TO PLACING GUARDRAIL.

MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. WETLANDS AND OTHER WATERWAYS ARE PRESENT WITHIN THE PROJECT LIMITS.

DISTURBED AREAS SHOWN WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN FINISHED SHOULDER POINTS, ARE TO HAVE SEEDING MIXTURE NO. 30, TEMPORARY SEEDING, AND EROSION MAT CLASS I TYPE B AS DIRECTED BY THE FIELD ENGINEER. SEEDING, TEMPORARY SEEDING, AND EROSION MAT ARE TO BE PAID FOR UNDER THE BID ITEM BARRIER SYSTEM GRADING SPAPING FINISHING.

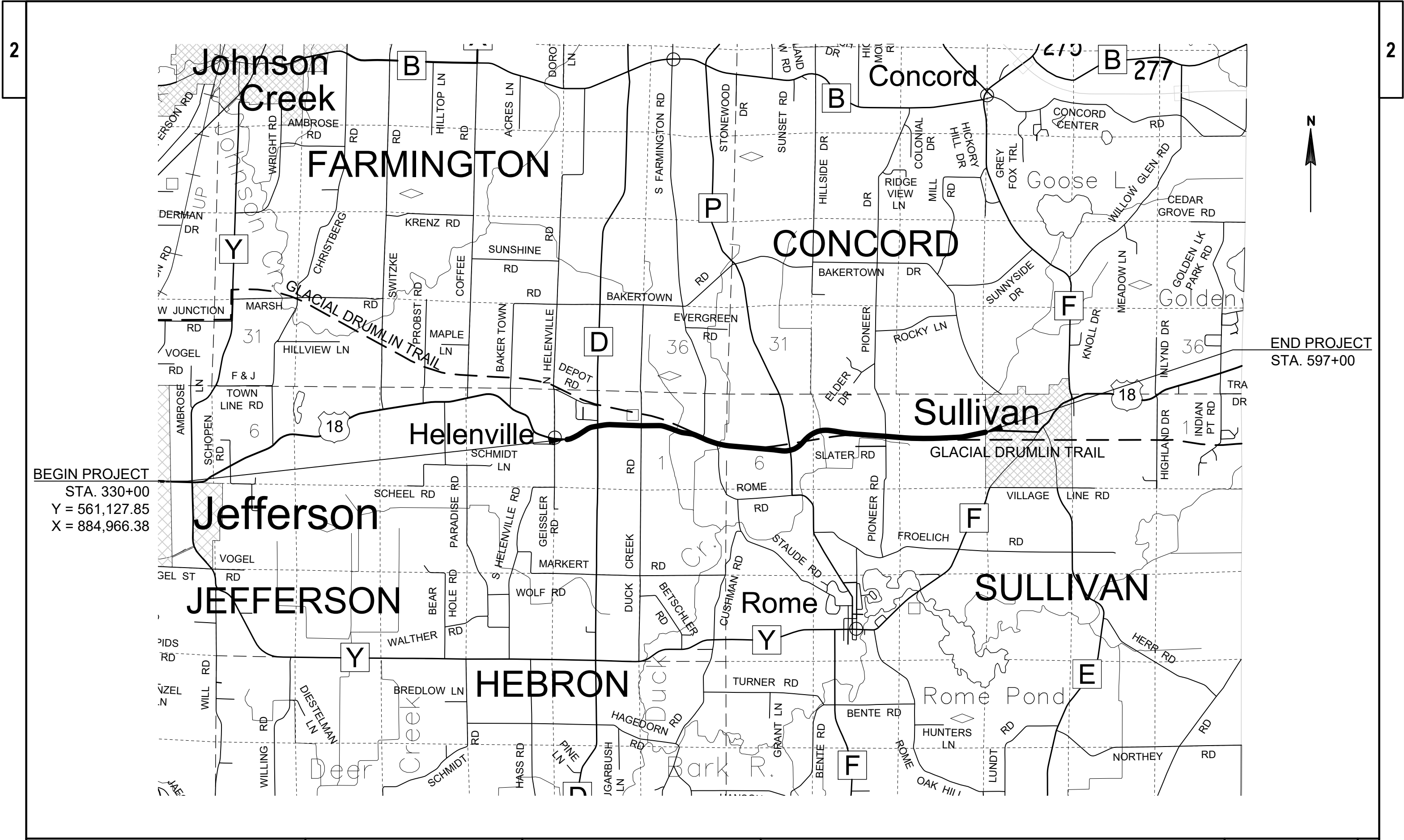
THE LOCATION OF ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE FIELD ENGINEER PRIOR TO PLACEMENT.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN IN THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

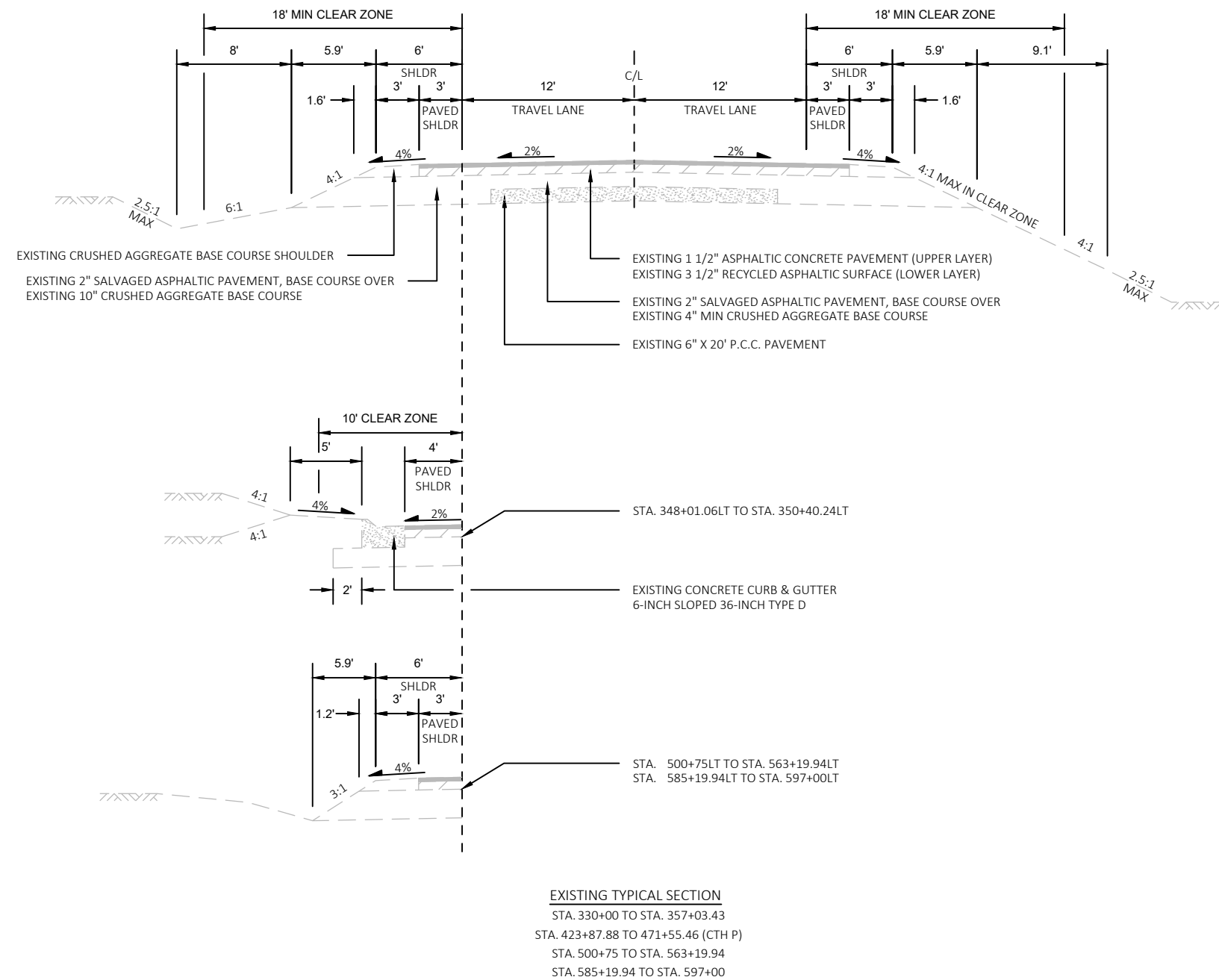
IF THERE AR CONFLICTS WITH SIGNS OR OTHER WORK UNDER THIS PROJECT, THE CONTRACTOR WILL WORK AROUND THE UTILITY FACILITIES.

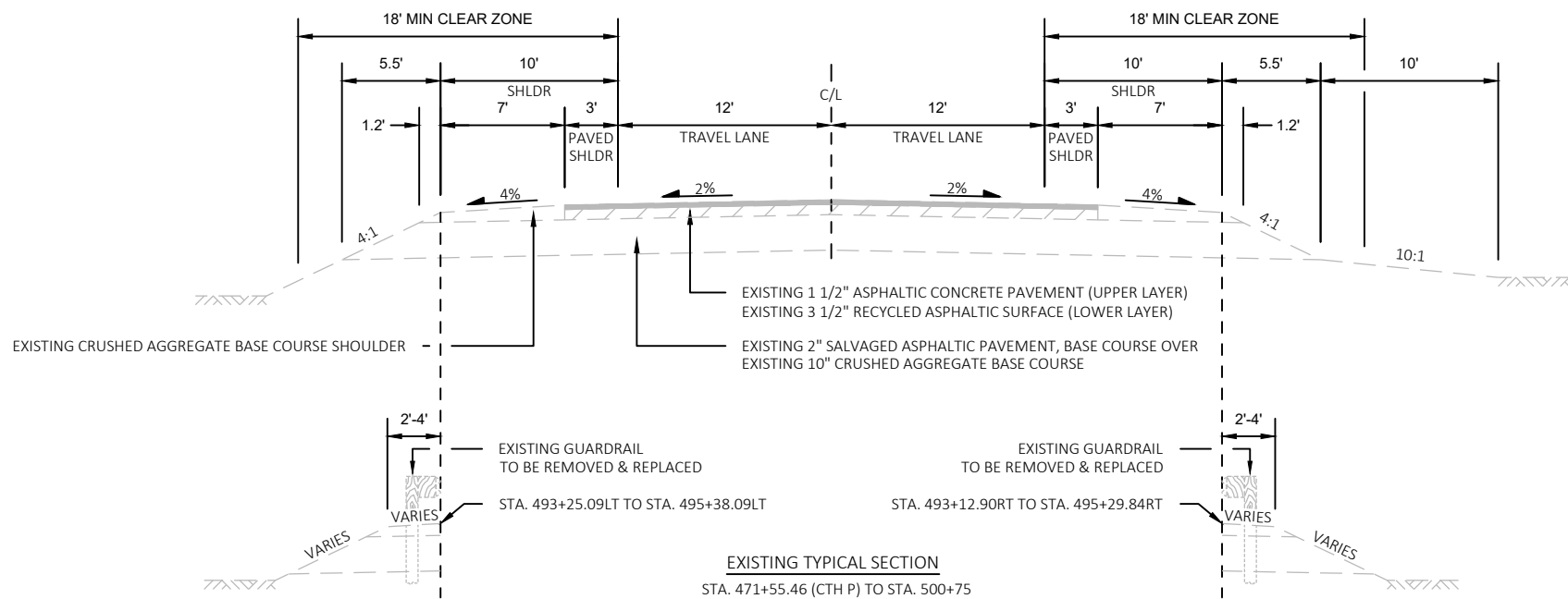
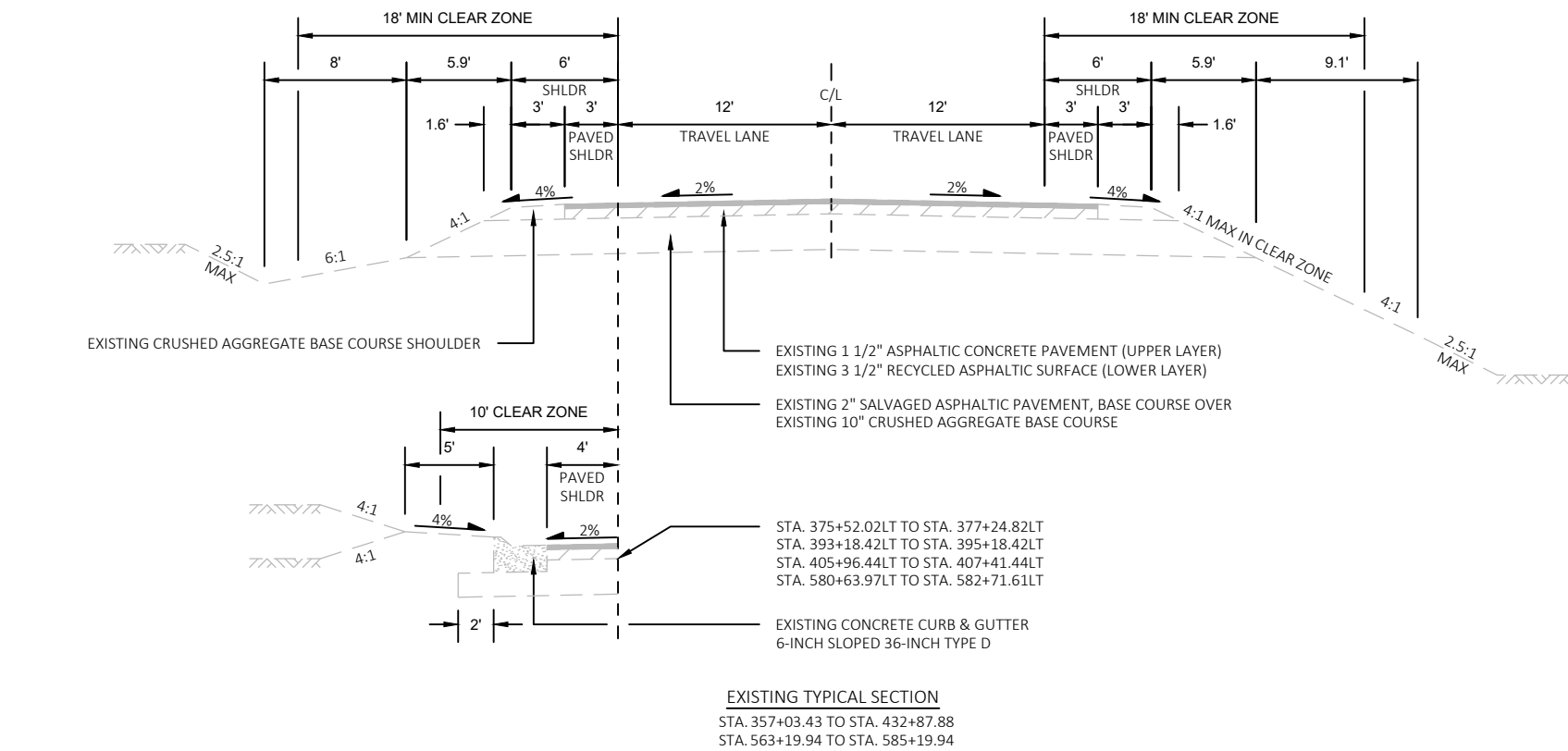


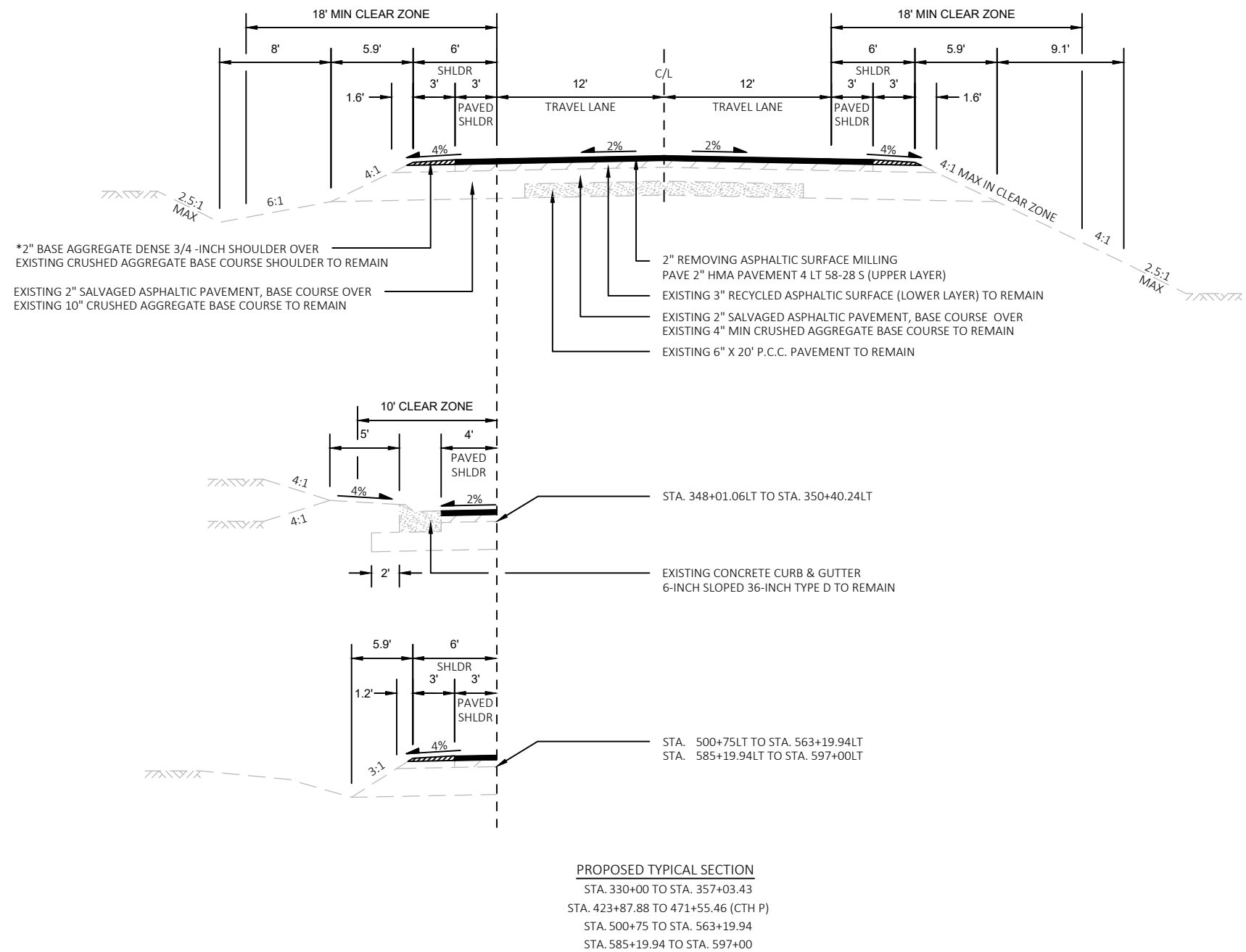
SECTION 2 ORDER OF SHEETS
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS

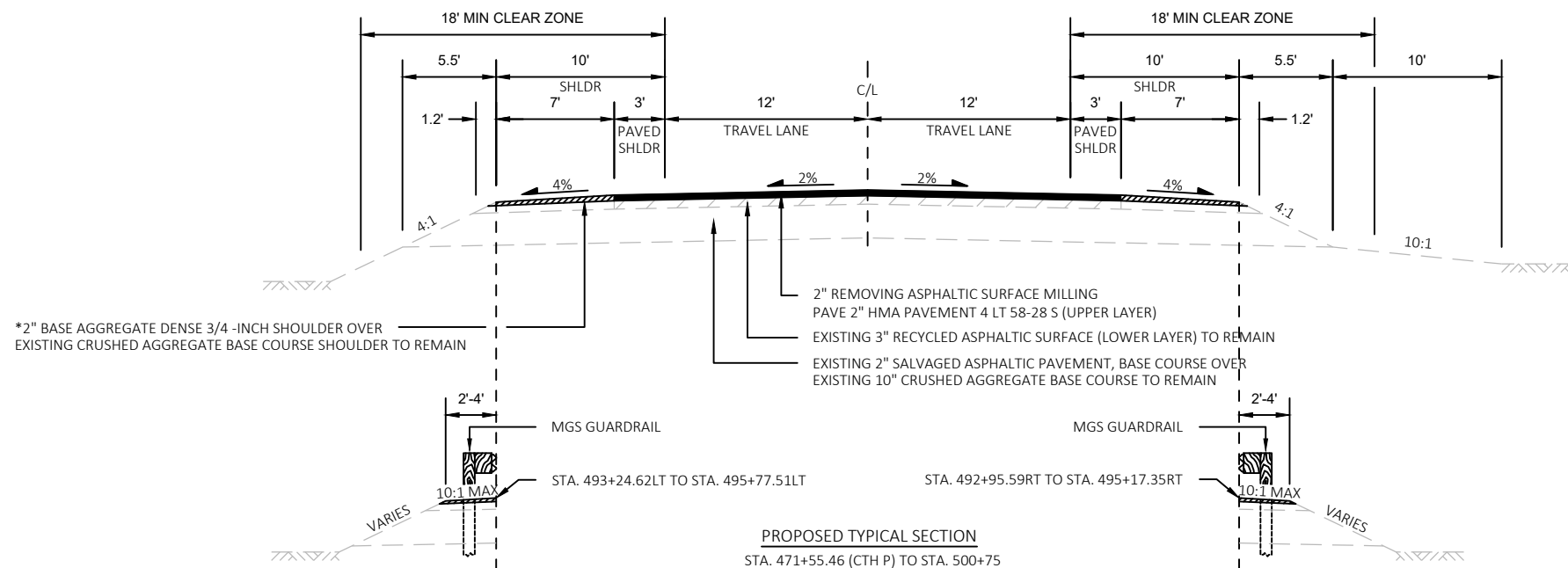
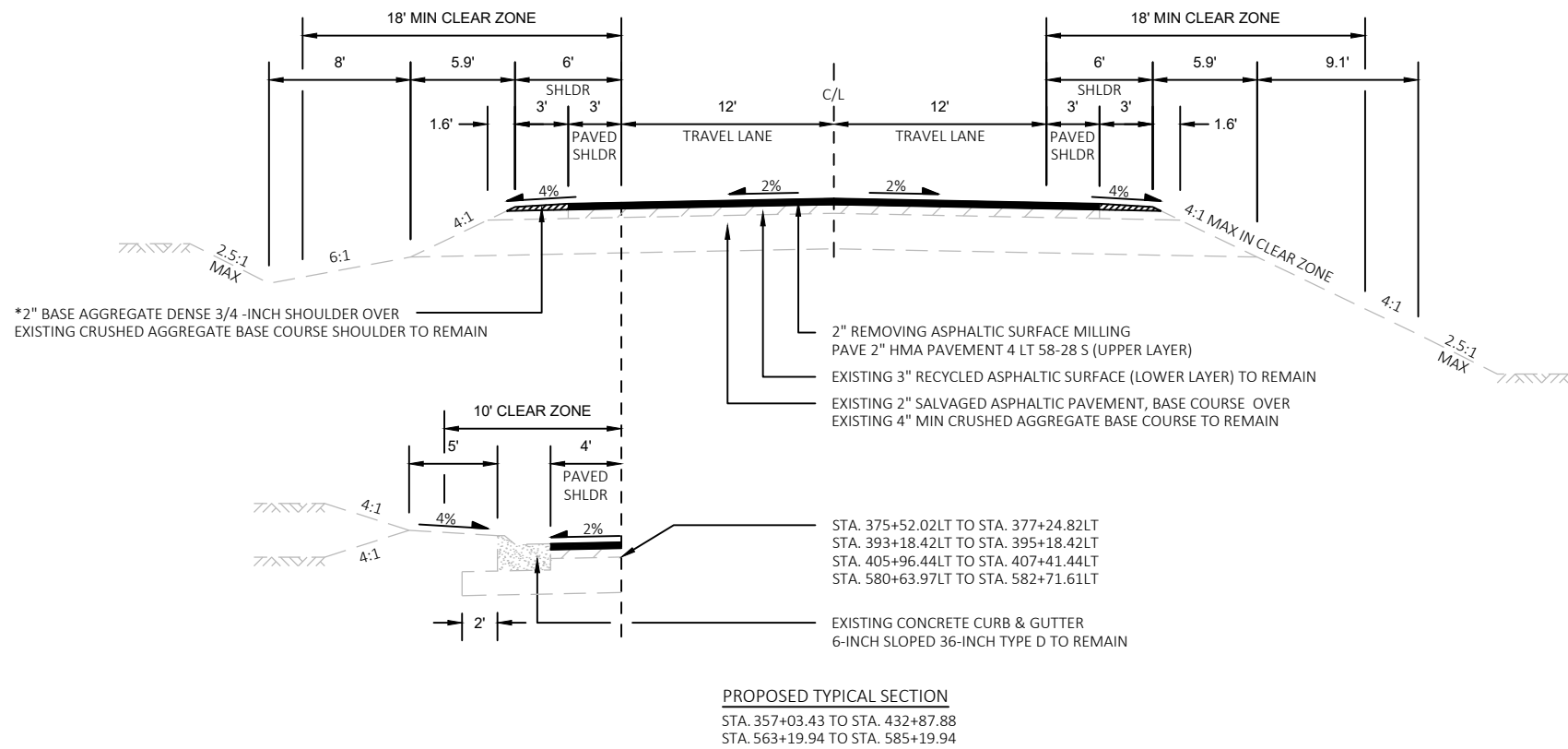


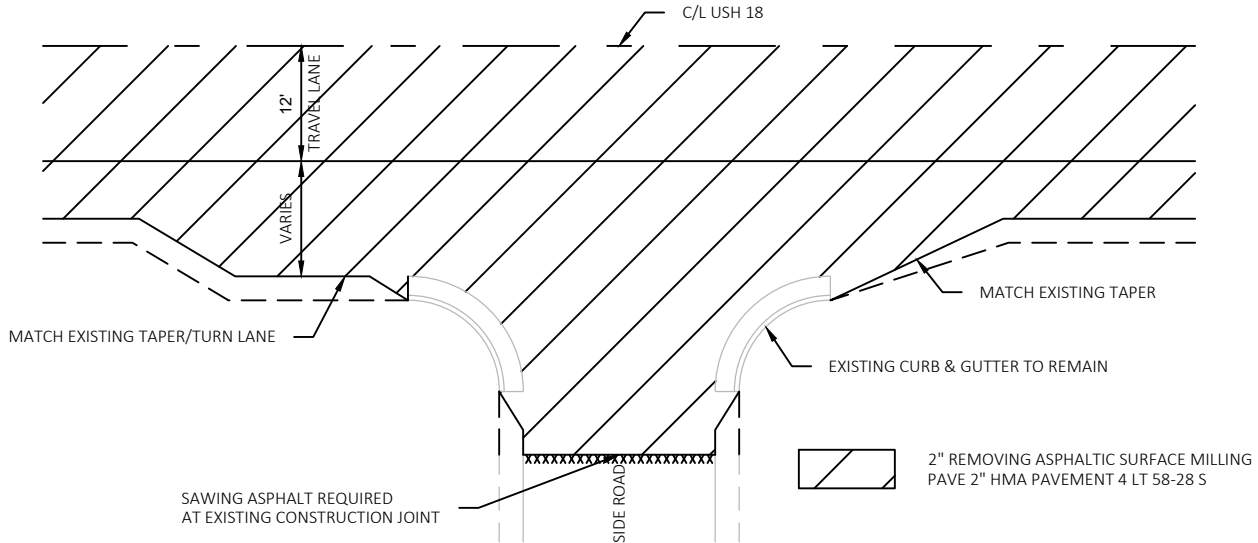
PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	PROJECT OVERVIEW	SHEET	E
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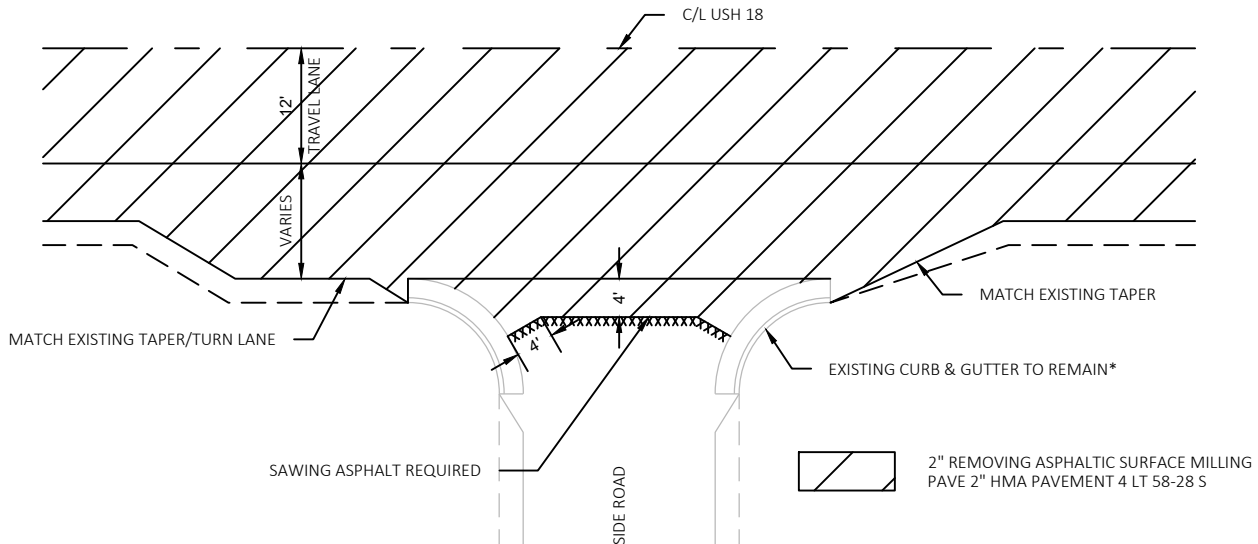






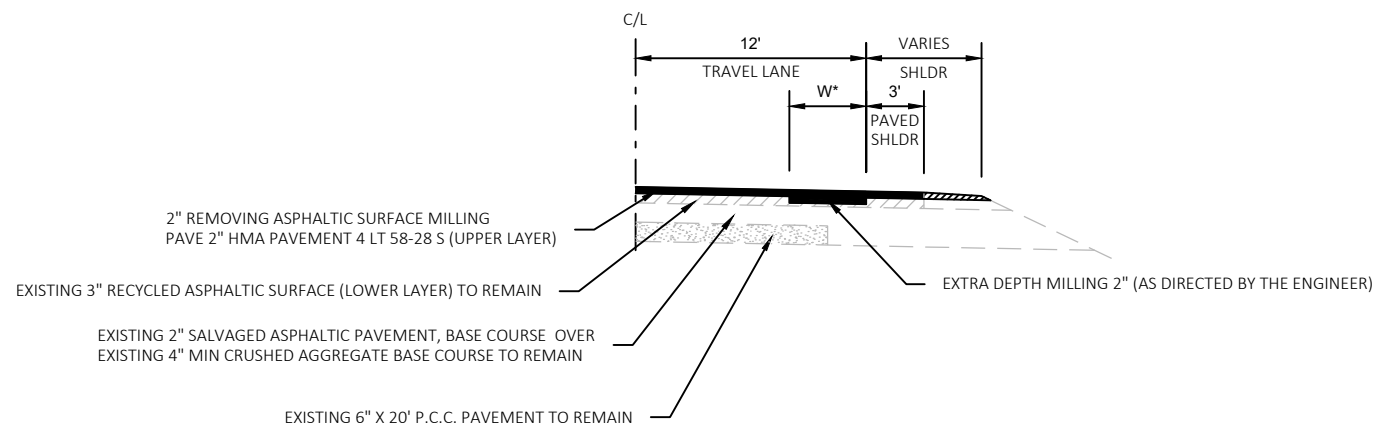
TYPICAL SIDE ROAD DETAIL - WITH EXISTING SIDE ROAD CONSTRUCTION JOINT

DUCK CREEK ROAD (SOUTH)
CTH P (NORTH & SOUTH)
PIONEER DRIVE (NORTH)



TYPICAL SIDE ROAD DETAIL - WITHOUT EXISTING SIDE ROAD CONSTRUCTION JOINT

CTH D (NORTH & SOUTH)
DUCK CREEK ROAD (NORTH)
S. FARMINGTON ROAD
ROME ROAD
PIONEER DRIVE (SOUTH), *NO CURB & GUTTER PRESENT



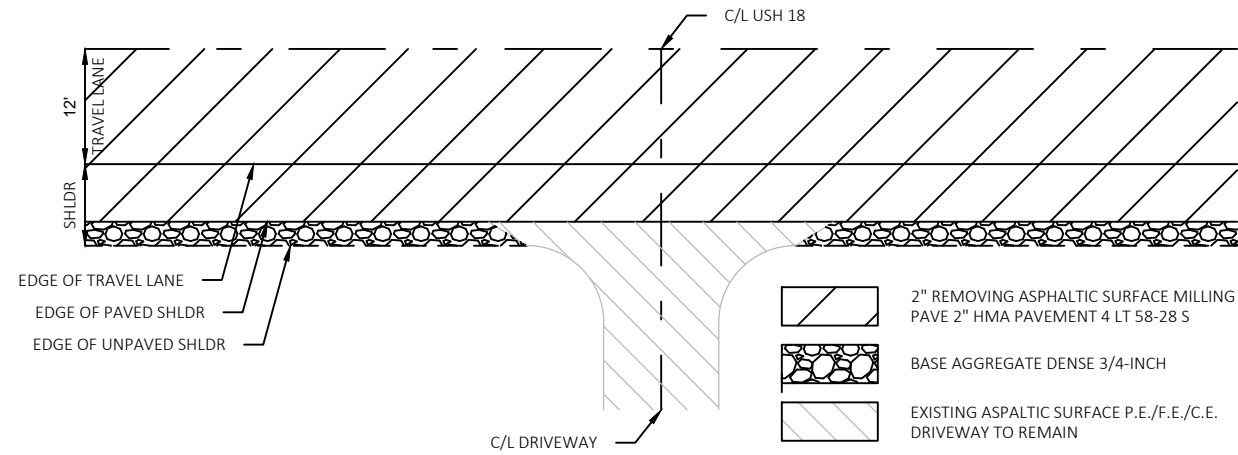
EXTRA DEPTH MILLING DETAIL
SEE BELOW FOR APPROXIMATE LOCATIONS AND WIDTHS

*NOTE: MEASURE W FROM OUTSIDE EDGE OF TRAVEL LANE TOWARDS C/L

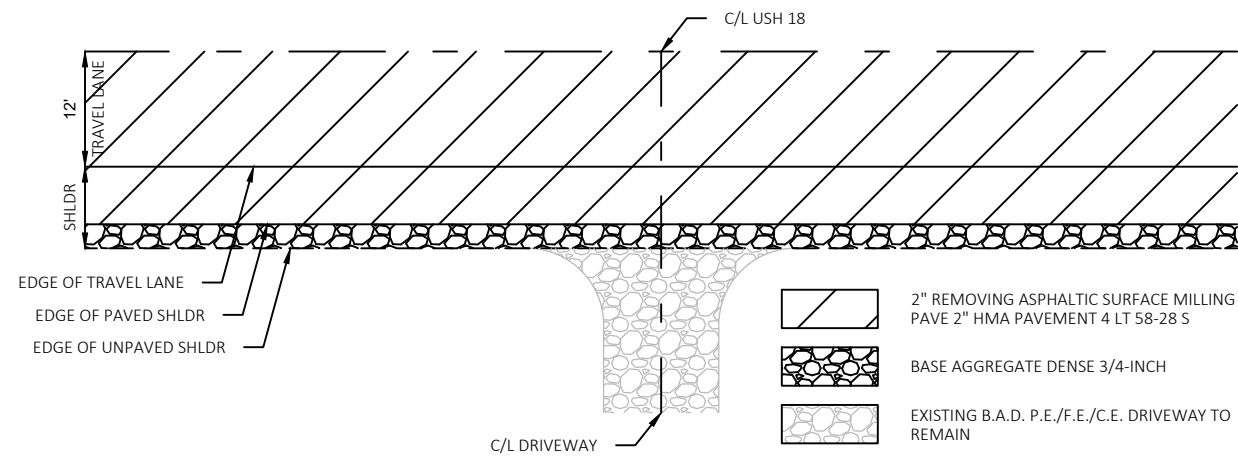
STATION TO STATION OFFSET W (FT)				
333+96	-	336+96	LT	4
363+27	-	377+77	LT	4
377+77	-	379+87	LT	4
381+57	-	388+57	LT	4
394+37	-	401+57	LT	4
403+77	-	407+57	LT	4
411+27	-	416+57	LT	4
416+57	-	425+96	LT	4
425+96	-	434+05	LT	4
435+55	-	465+85	LT	4
482+76	-	485+96	LT	4
498+66	-	533+96	LT	4
534+46	-	567+43	LT	4
574+83	-	597+00	LT	4

STATION	TO	STATION	OFFSET	W(F)
337+45	-	343+05	RT	4
343+05	-	346+60	RT	8
346+60	-	351+89	RT	8
350+96	-	361+46	RT	8
361+46	-	366+46	RT	4
366+46	-	372+36	RT	4
372+36	-	378+73	RT	8
377+77	-	379+57	RT	8
381+77	-	384+92	RT	4
388+37	-	389+92	RT	8
395+97	-	398+77	RT	4
398+77	-	401+57	RT	8
406+57	-	408+37	RT	4
409+97	-	413+77	RT	8
415+02	-	417+45	RT	8
416+57	-	417+57	RT	8
424+42	-	426+82	RT	8
425+96	-	426+96	RT	8
432+86	-	440+56	RT	4

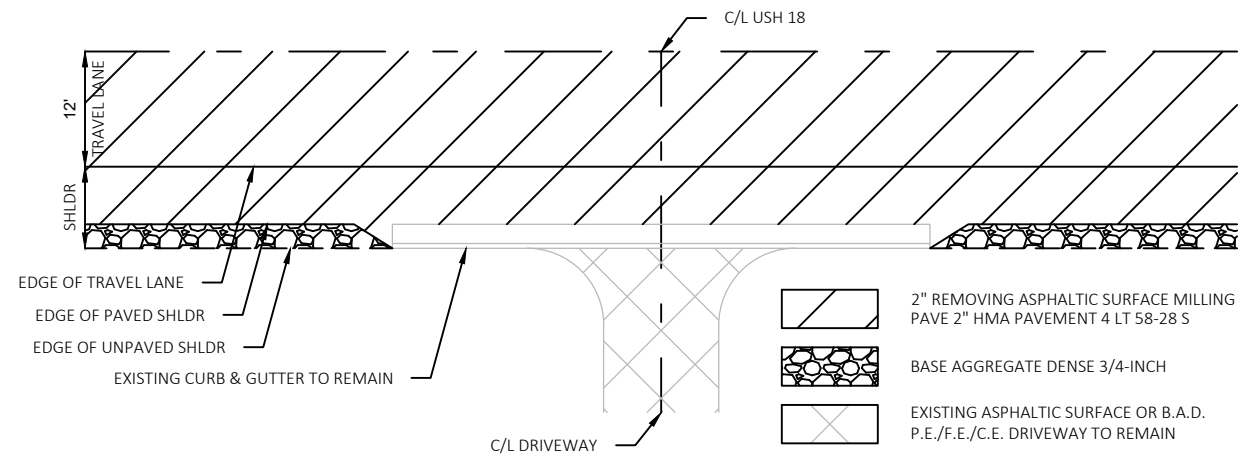
STATION	TO	STATION	OFFSET	W(F)
440+56	-	443+36	RT	8
443+36	-	449+96	RT	4
452+36	-	465+66	RT	8
465+66	-	469+46	RT	4
475+95	-	486+75	RT	4
486+75	-	489+95	RT	8
494+55	-	499+35	RT	4
502+85	-	504+35	RT	4
510+15	-	516+55	RT	4
516+55	-	519+95	RT	8
519+95	-	535+34	RT	4
534+46	-	548+21	RT	4
548+21	-	549+21	RT	8
558+46	-	561+76	RT	4
563+66	-	568+96	RT	8
578+46	-	582+46	RT	4
585+46	-	591+76	RT	4
596+46	-	597+00	RT	4



P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING ASPHALT



P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING B.A.D.



P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING CURB & GUTTER



NOTE:
OFFSETS ARE APPROXIMATE TO FACE OF RAIL.
SEE SDD 14B42 AND SDD 14B44 FOR INSTALLATION
INSTRUCTIONS AND MORE DETAILS.

*SEE SDD 14B42-5 SHEETS A & B
**SEE SDD 14B44-3 SHEET A

STRUCTURE B-28-0055
EXISTING BOX CULVERT TO REMAIN

HALFPOST SPACING (K)*
STA. 494+18.93 TO STA. 495+02.46

MGS
POST #1
493+24.62
-24.00' LT

MGS
POST #5
493+49.27
-22.81' LT

MGS
POST #9
493+73.96
-22.00' LT

MGS
POST #9
495+28.16
-22.00' LT

MGS
POST #5
495+52.85
-22.81' LT

MGS
POST #1
495+77.51
-24.00' LT

BEGIN HPL
491+64.17
-22.00' LT

HINGE POINT LINE (HPL)**

END HPL
497+37.95
-22.00' LT

BEGIN HPL
491+73.89
22.00' RT

HINGE POINT LINE (HPL)**

MGS
POST #1
492+95.59
24.00' RT

MGS
POST #5
493+20.95
23.19' RT

MGS
POST #9
493+46.28
22.00' RT

MGS
POST #9
494+66.66
22.00' RT

MGS
POST #5
494+91.99
23.19' RT

MGS
POST #1
495+17.35
24.00' RT

END HPL
496+39.05
22.00' RT

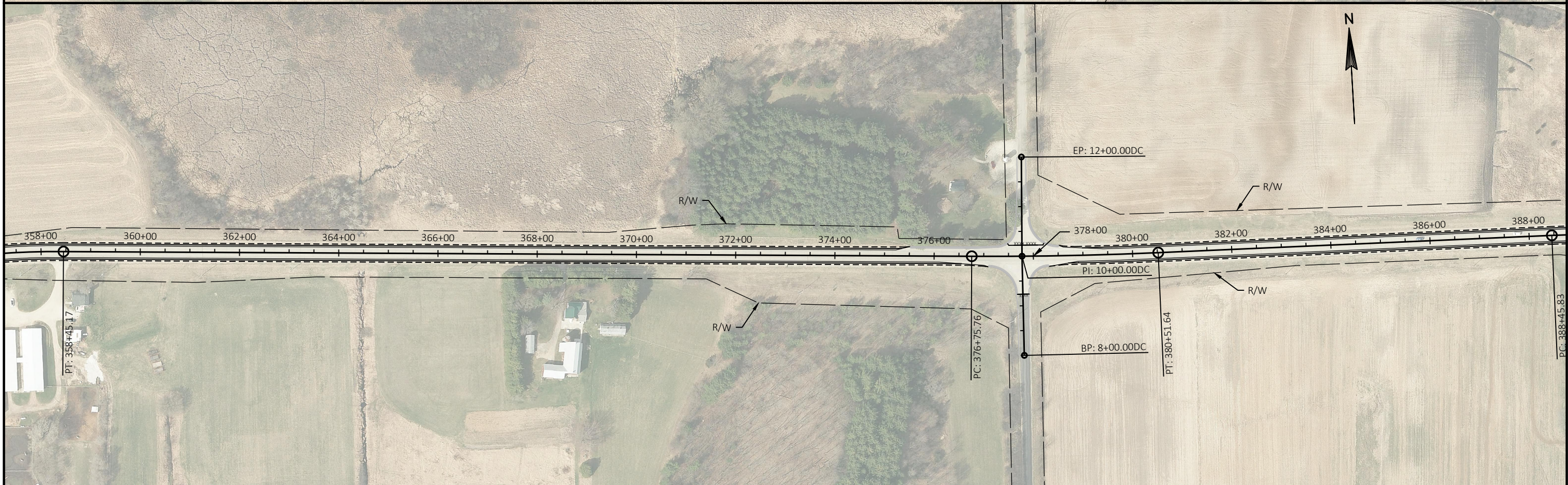
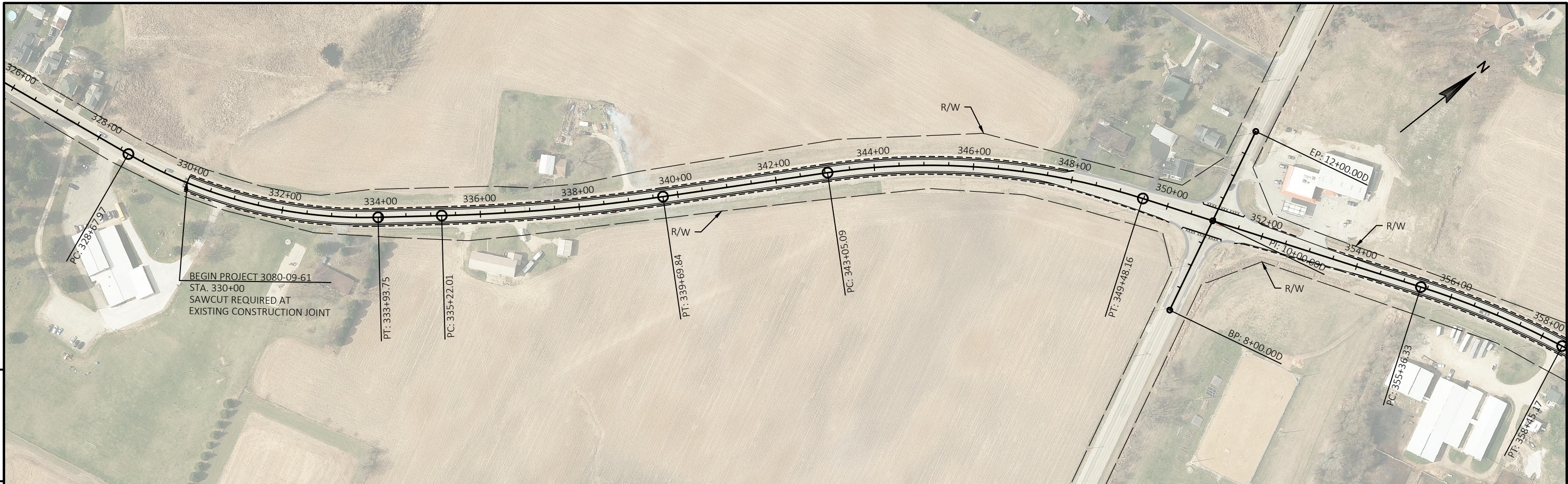
HALFPOST SPACING (K)*
STA. 493+78.81 TO STA. 494+27.62

STRUCTURE B-28-0055
EXISTING BOX CULVERT TO REMAIN

DUCK CREEK

DUCK CREEK

5



PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	PLAN DETAILS	SHEET	E
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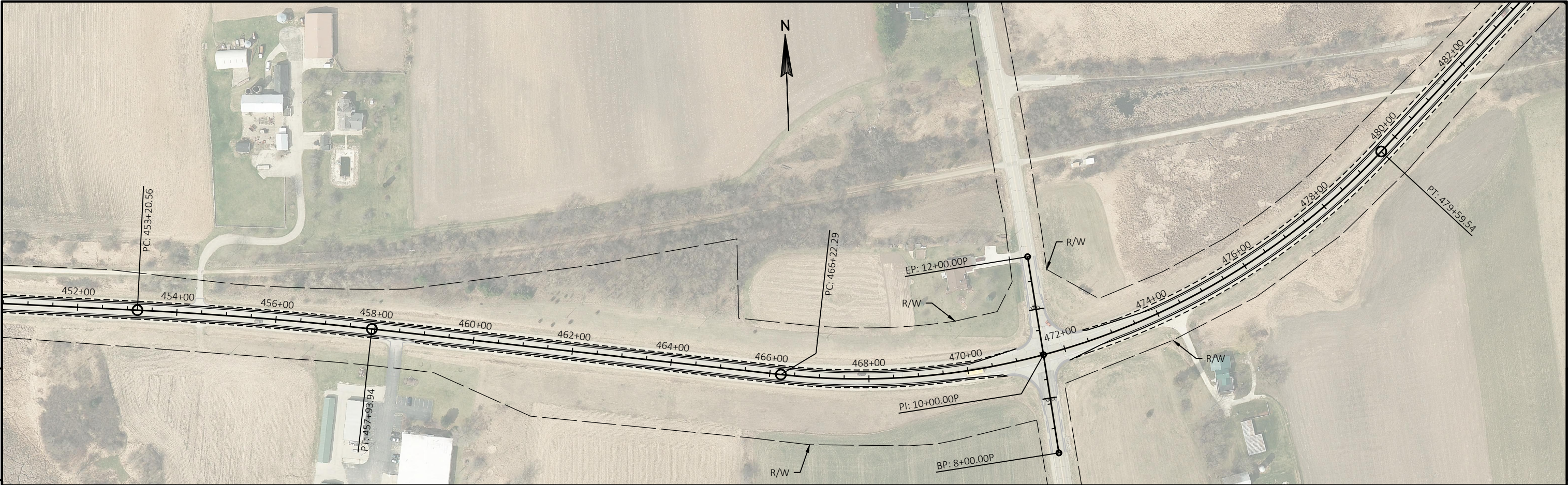






PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	PLAN DETAILS	SHEET	E
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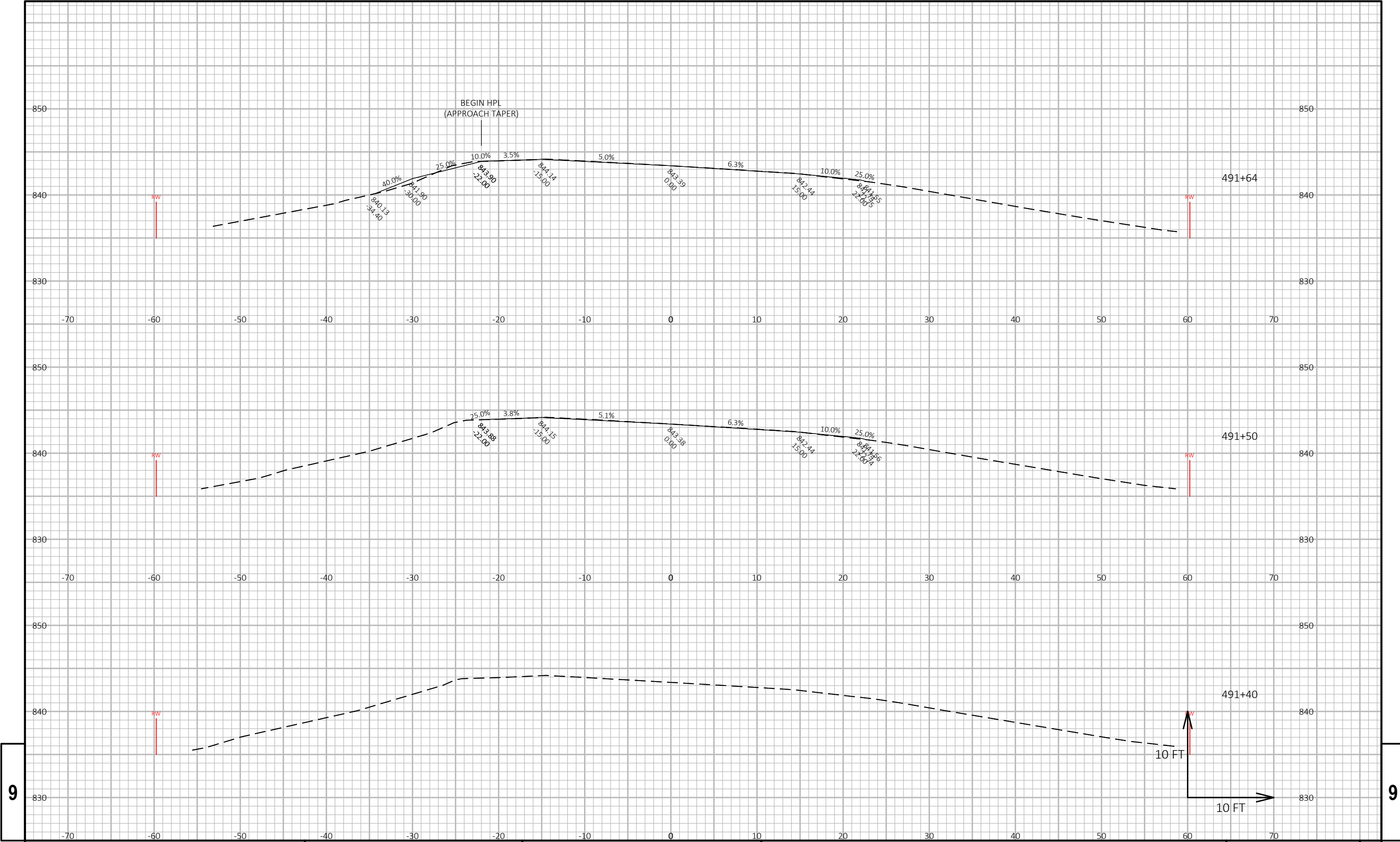
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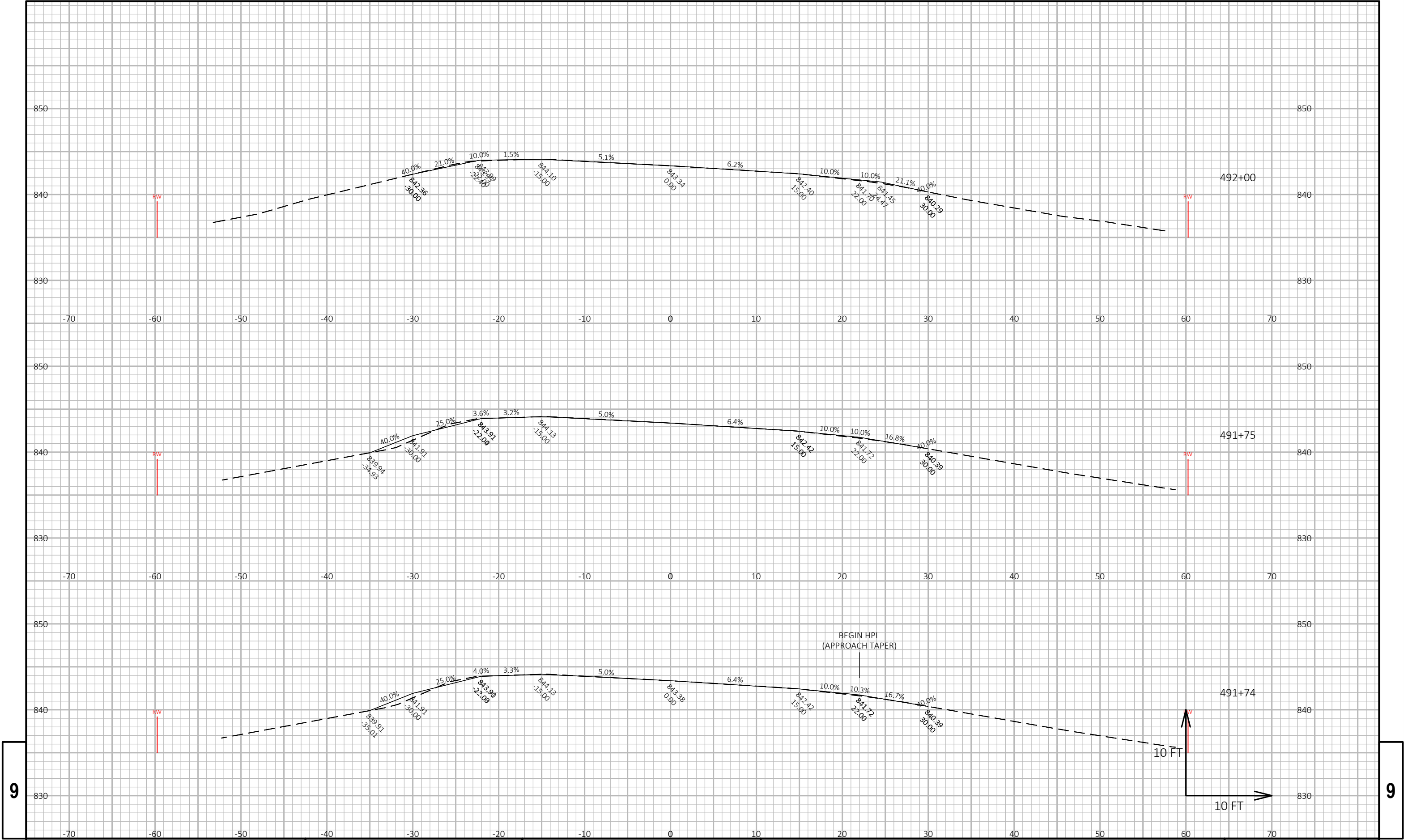


PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	PLAN DETAILS	SHEET	E
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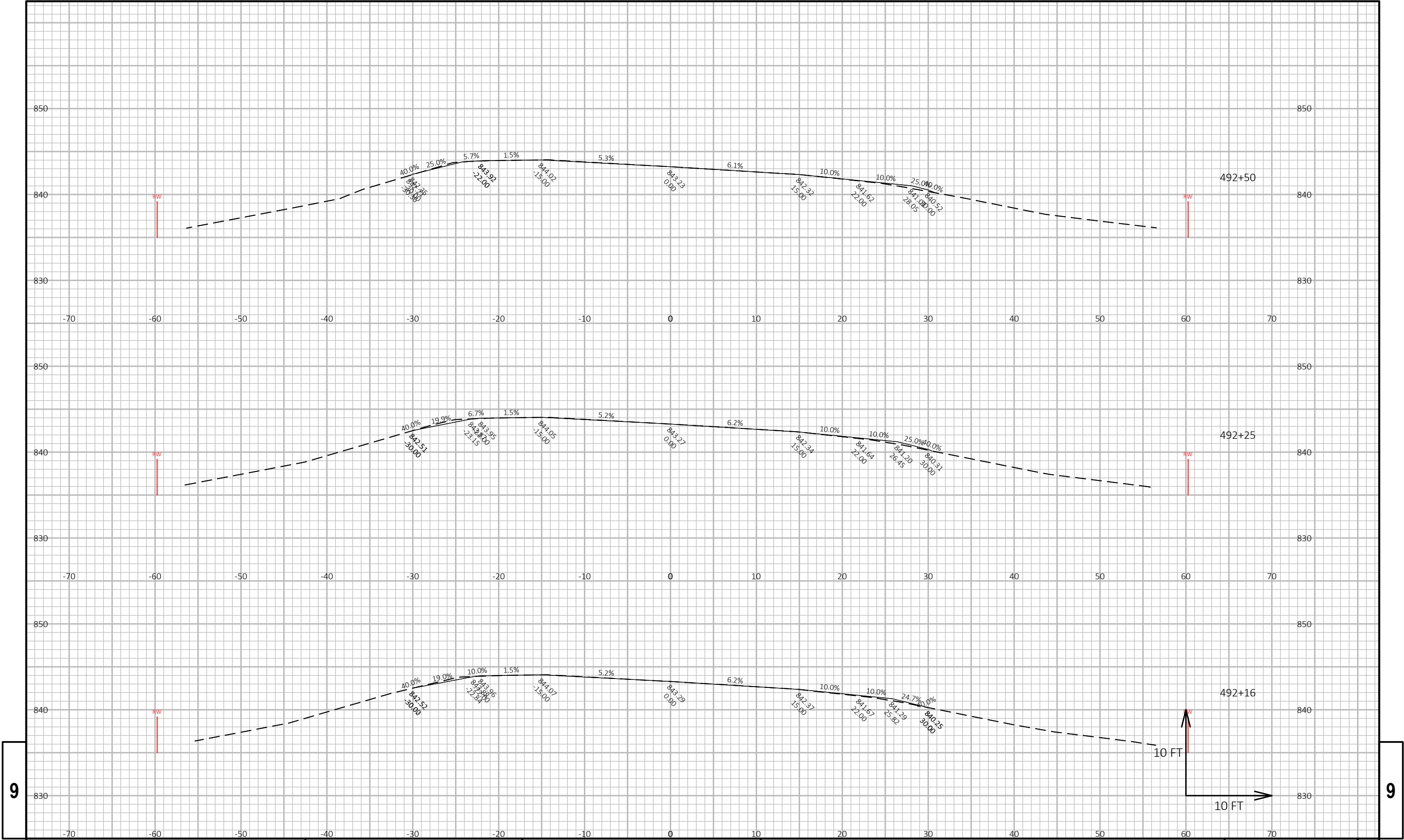
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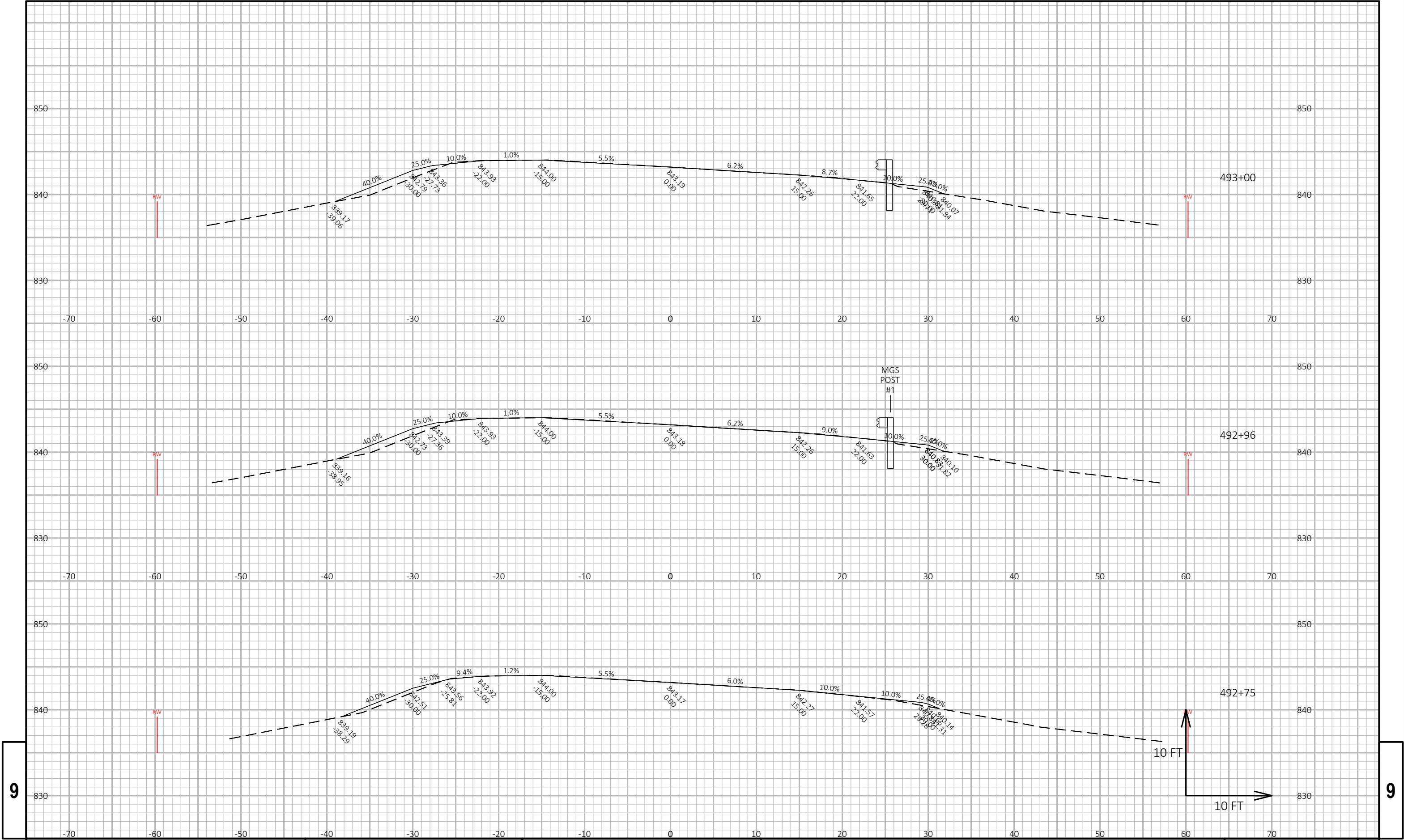
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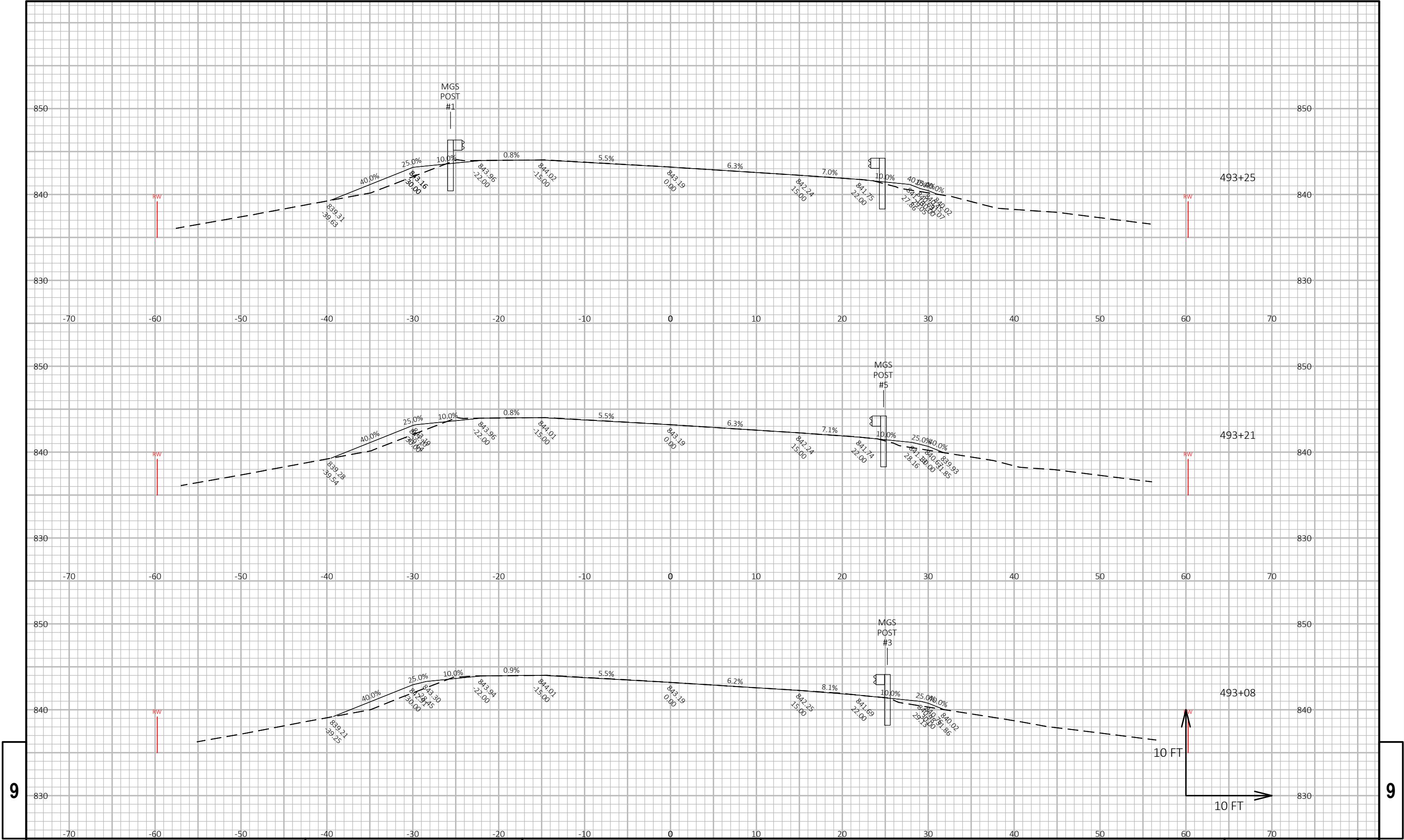


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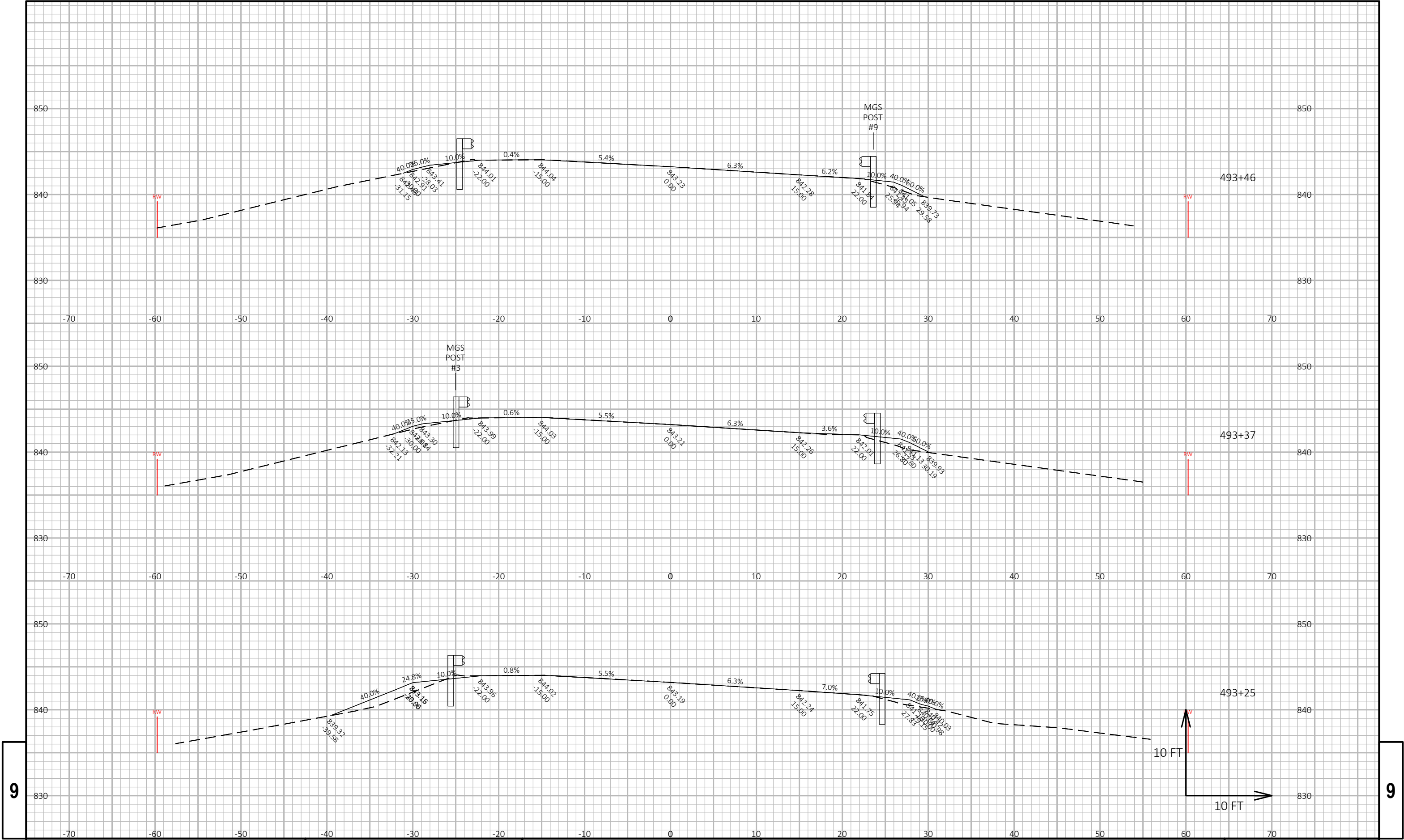
PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	CROSS SECTIONS: USH 18	SHEET	E
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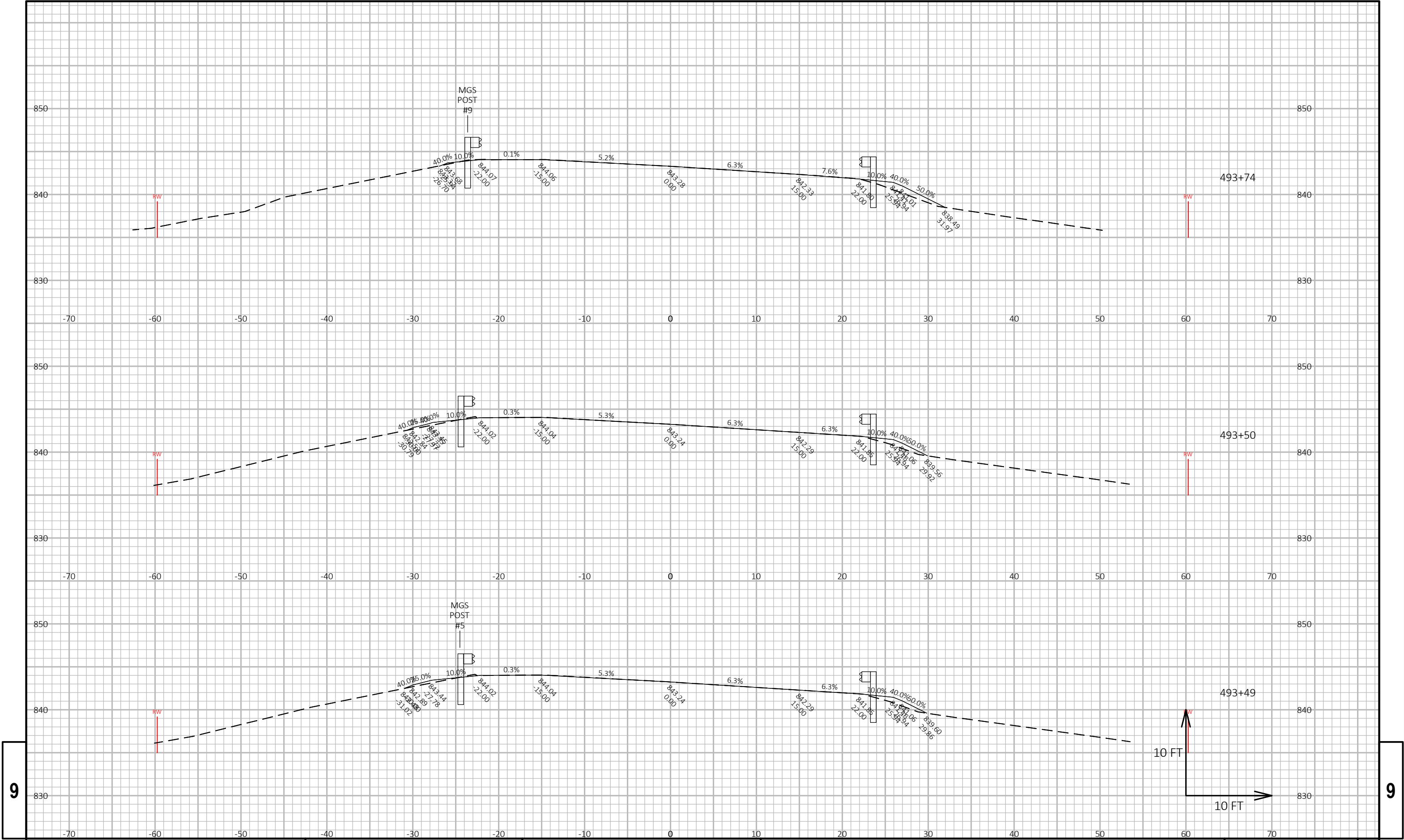


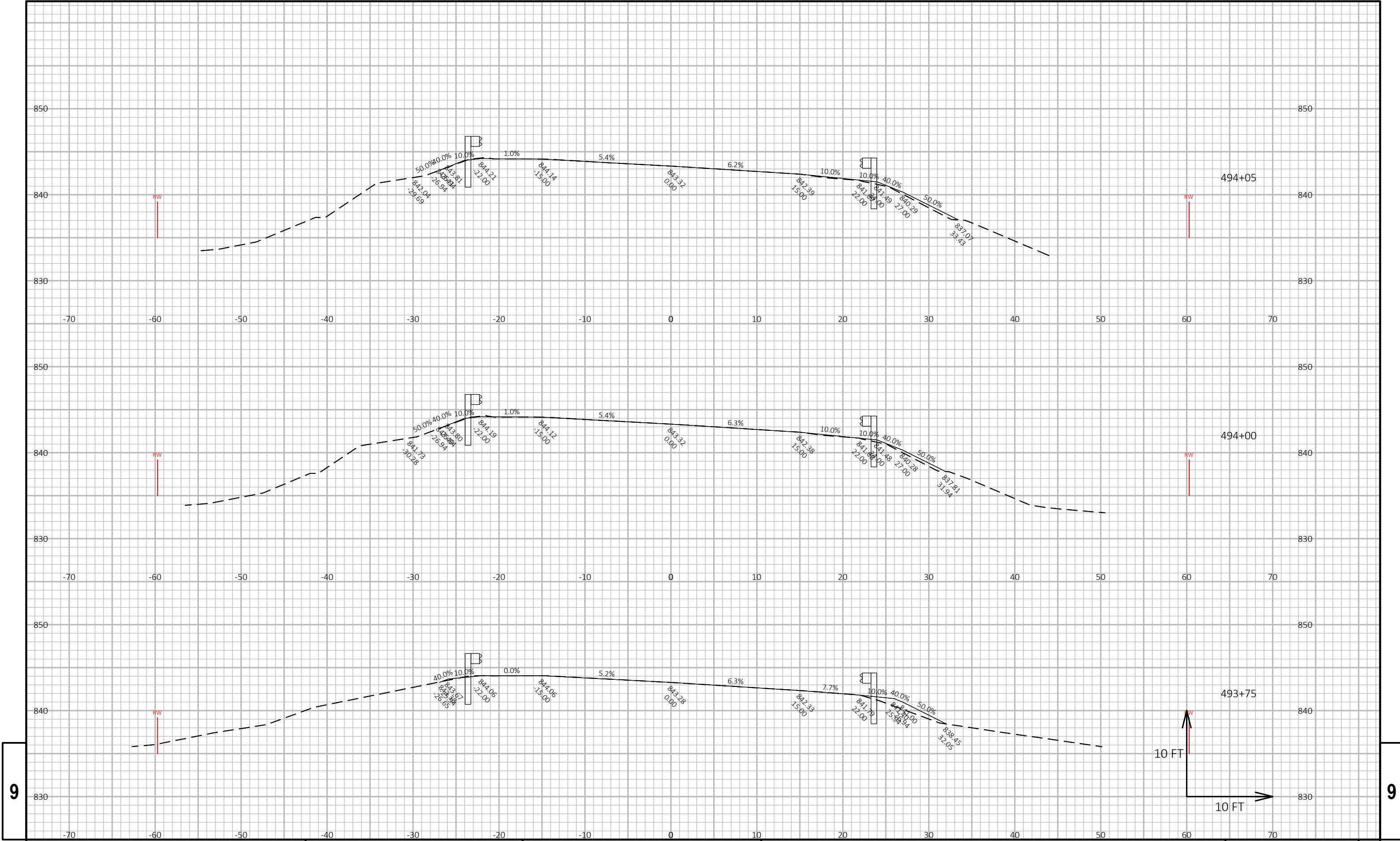


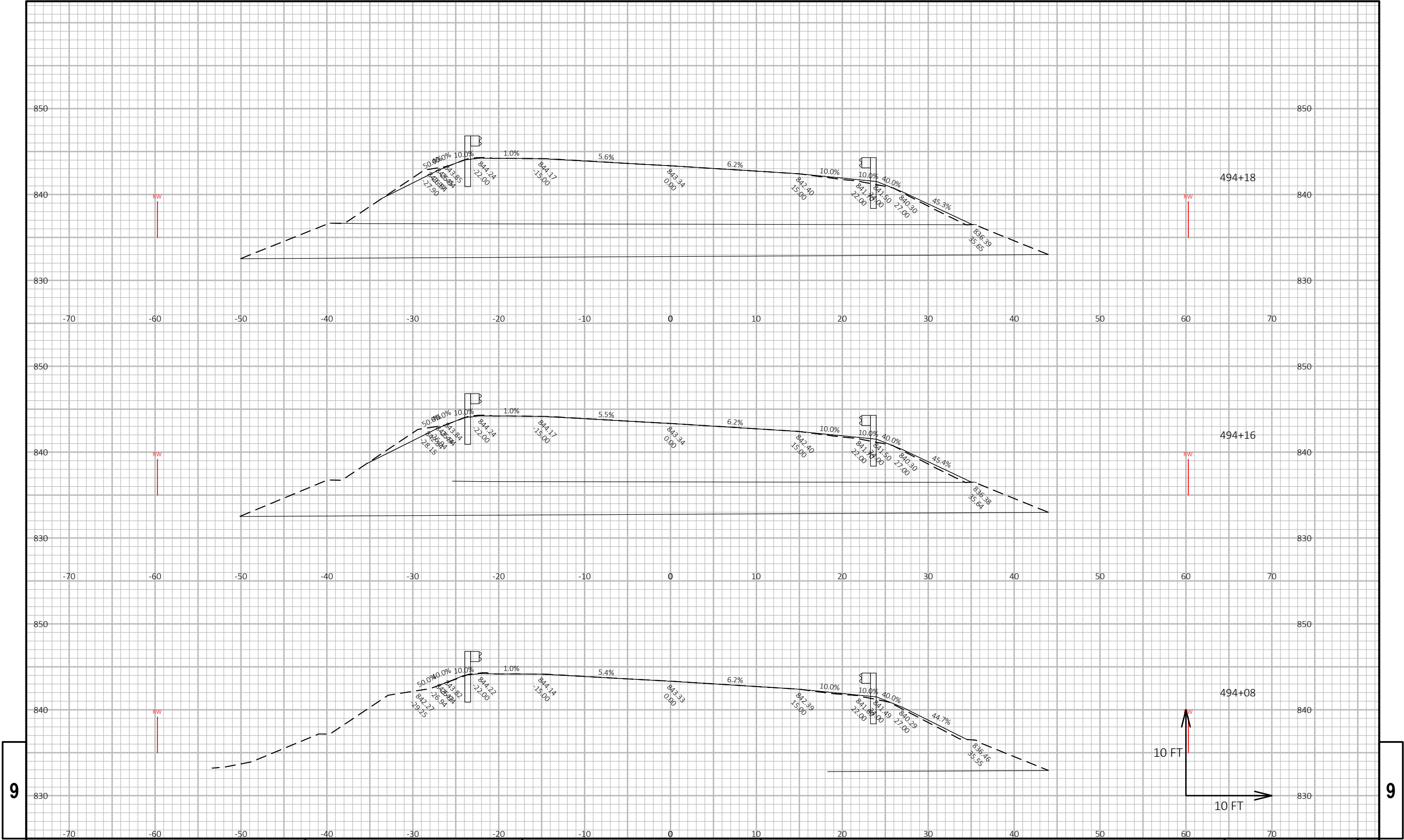
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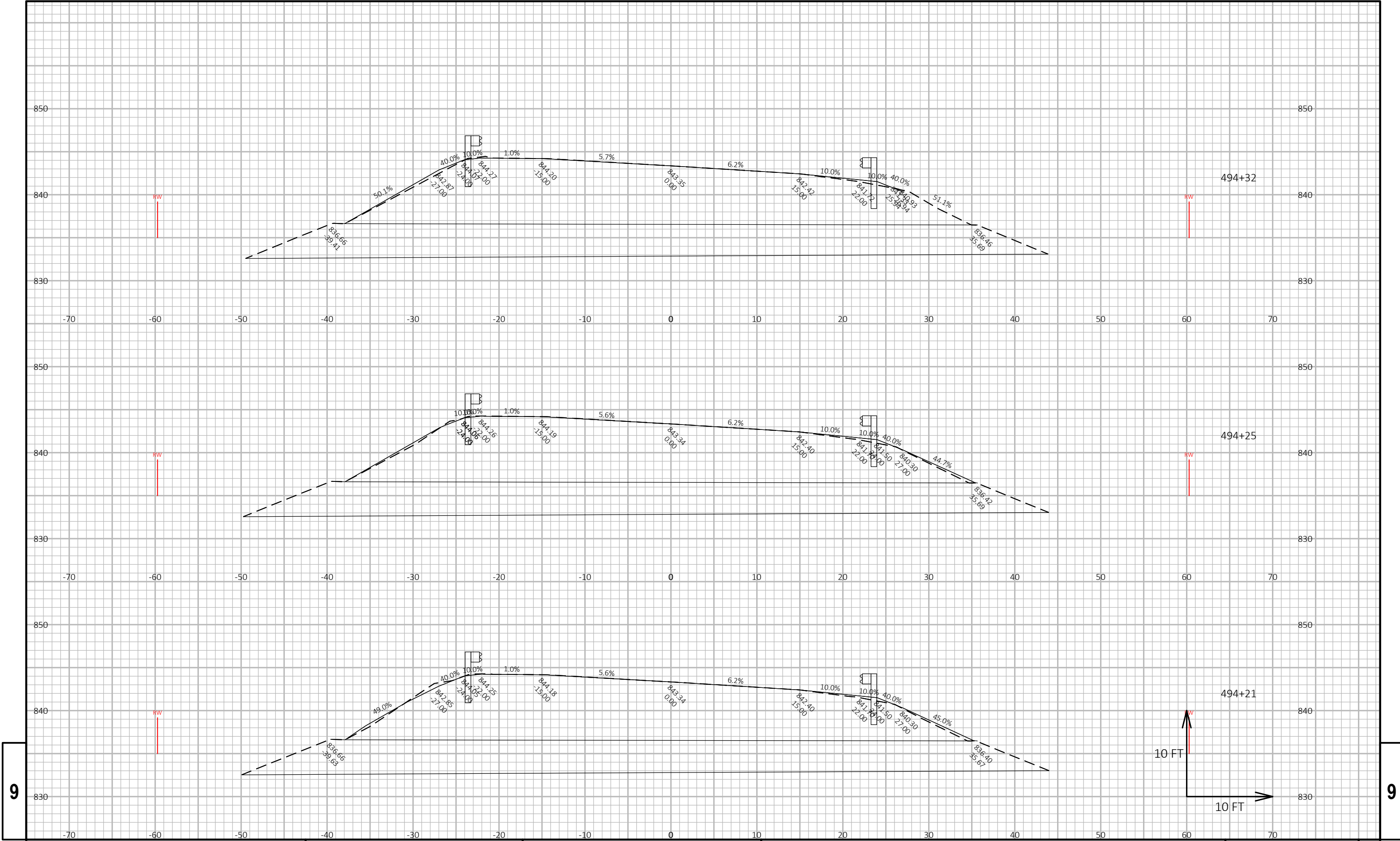


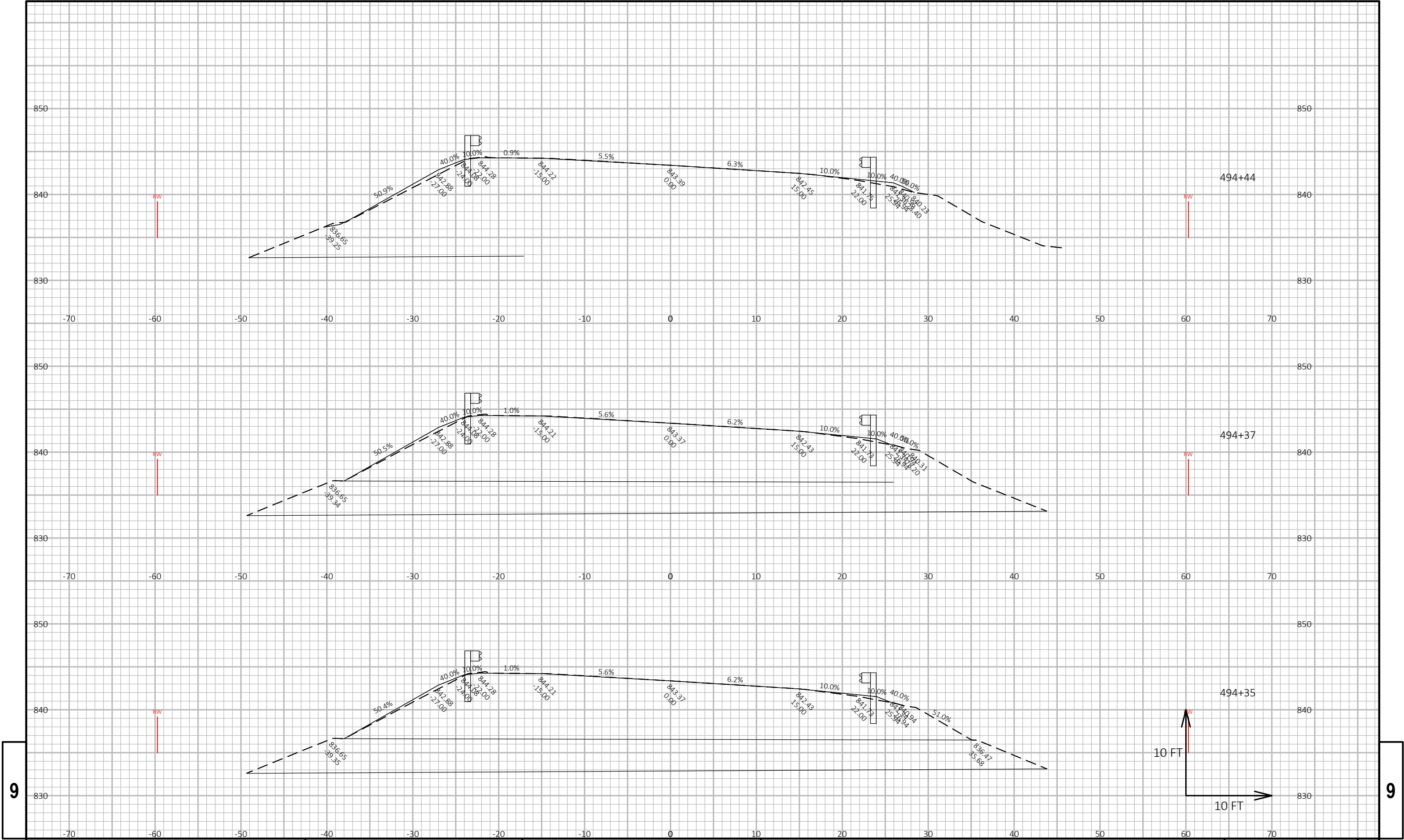




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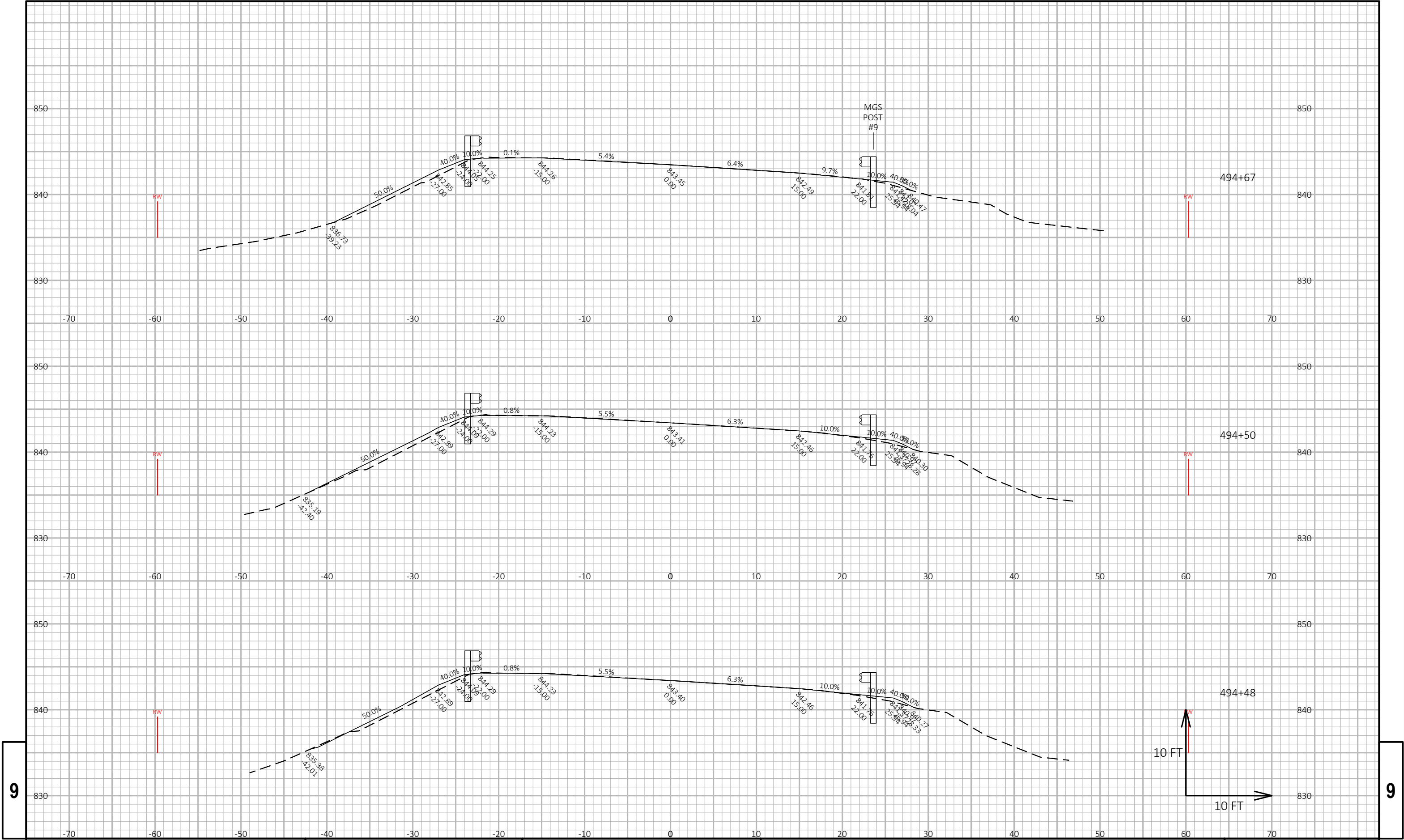


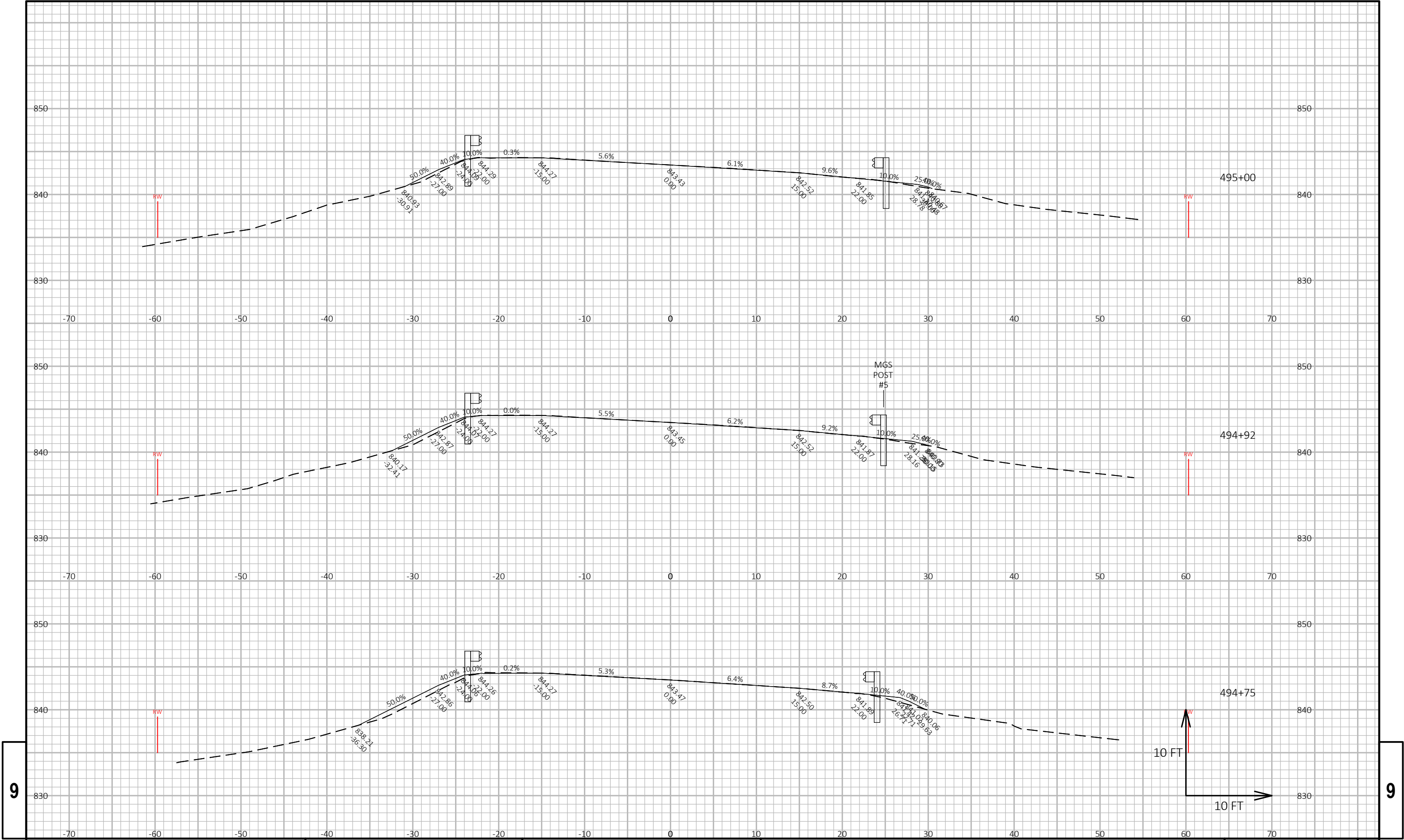


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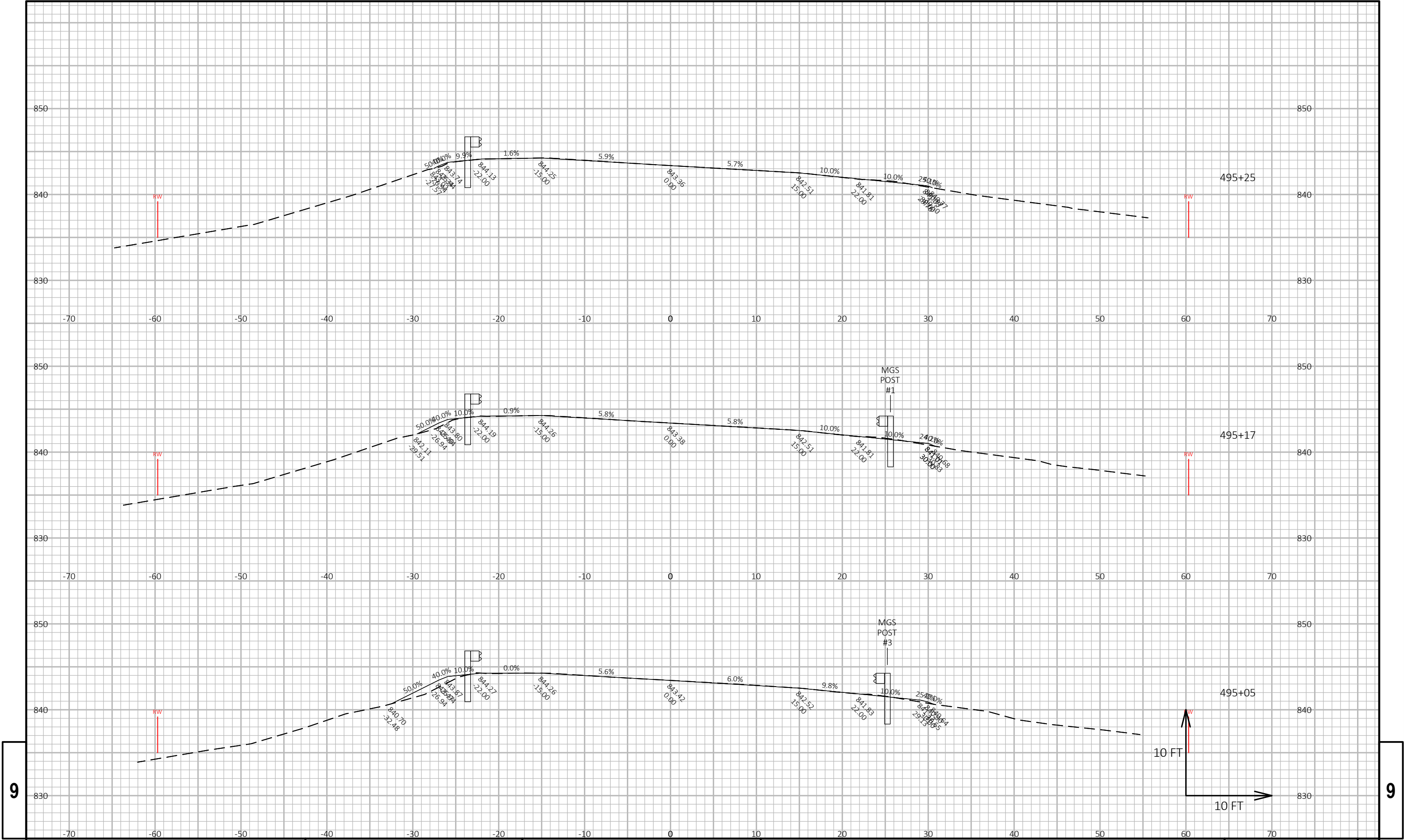
PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	CROSS SECTIONS: USH 18	SHEET E
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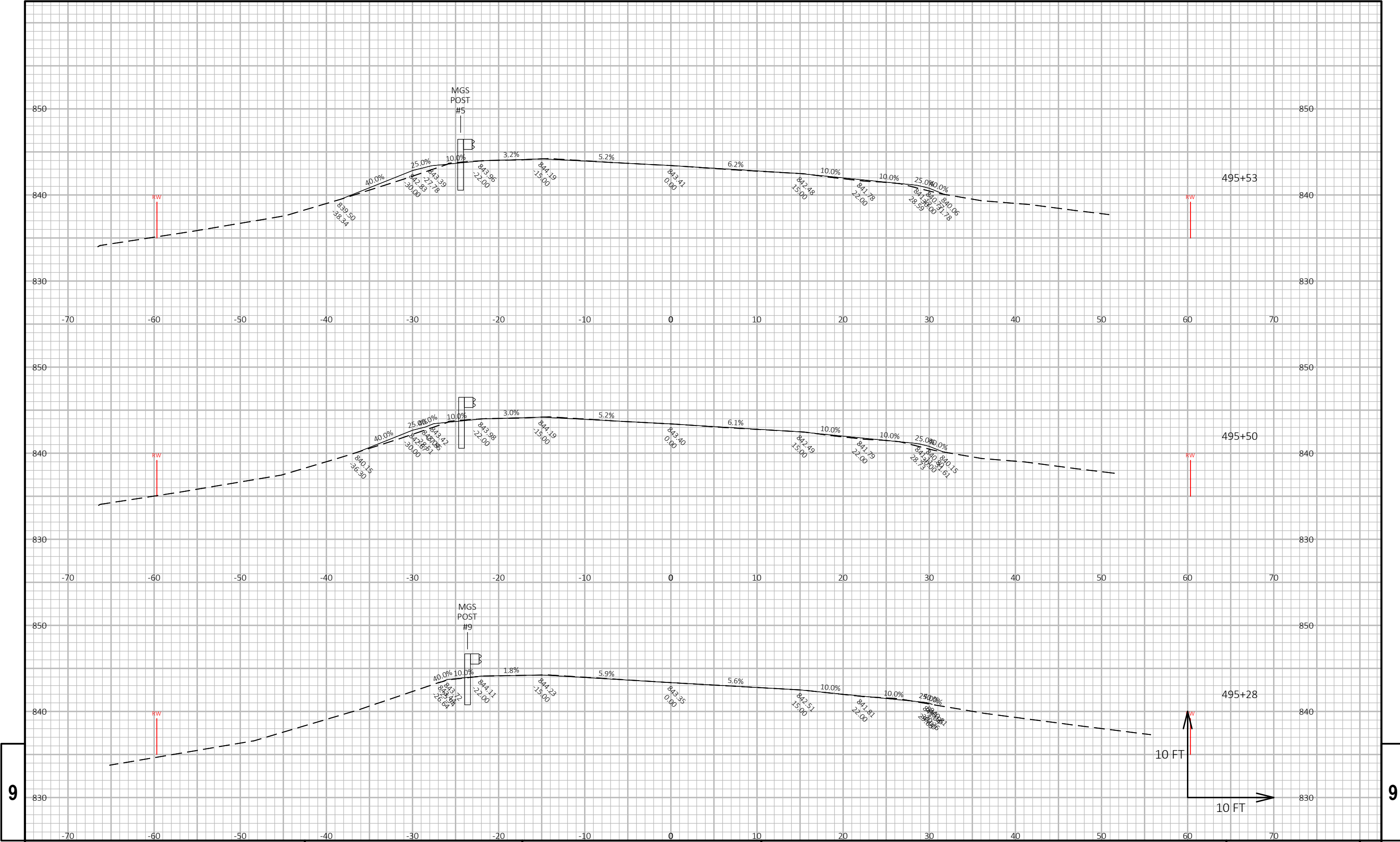
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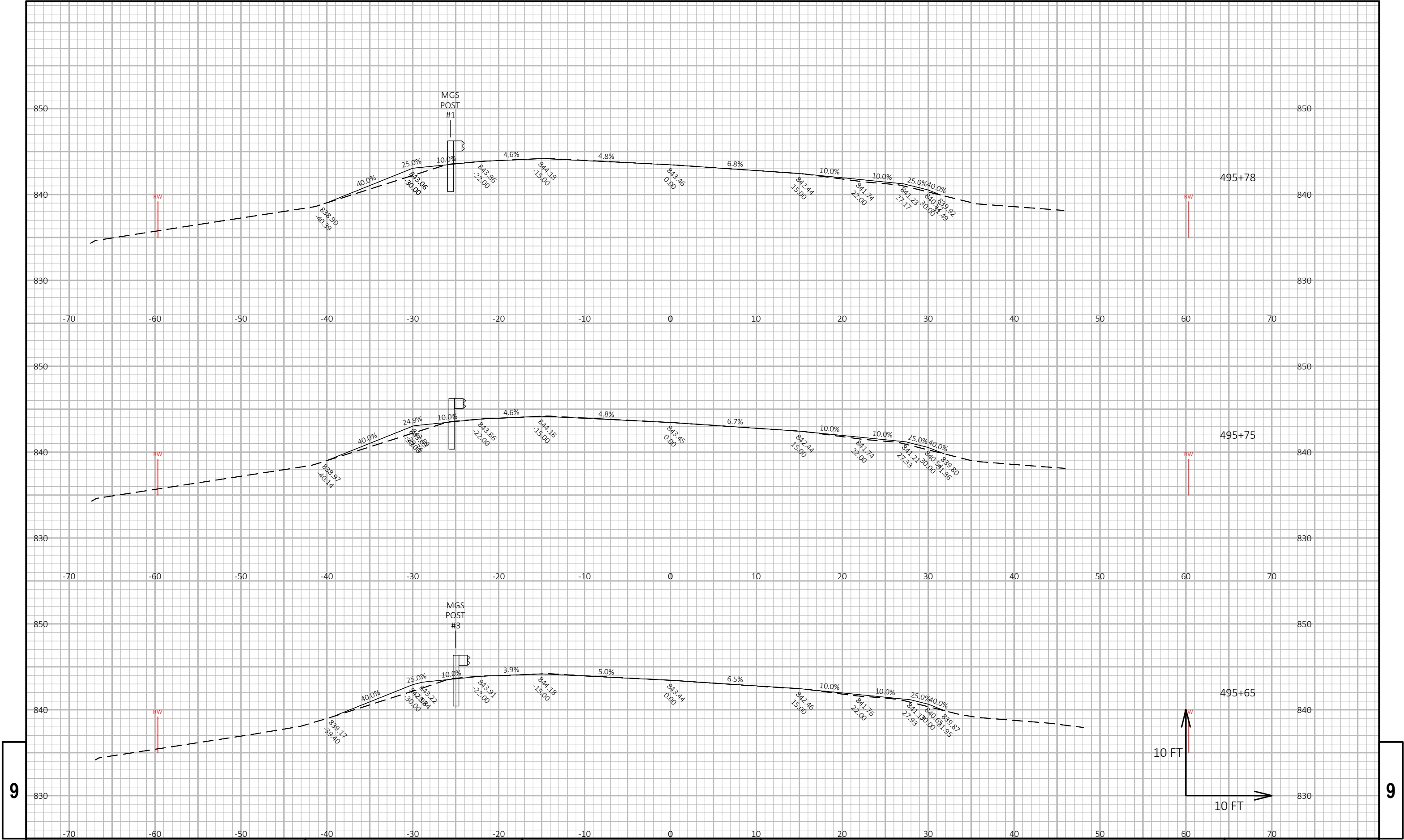
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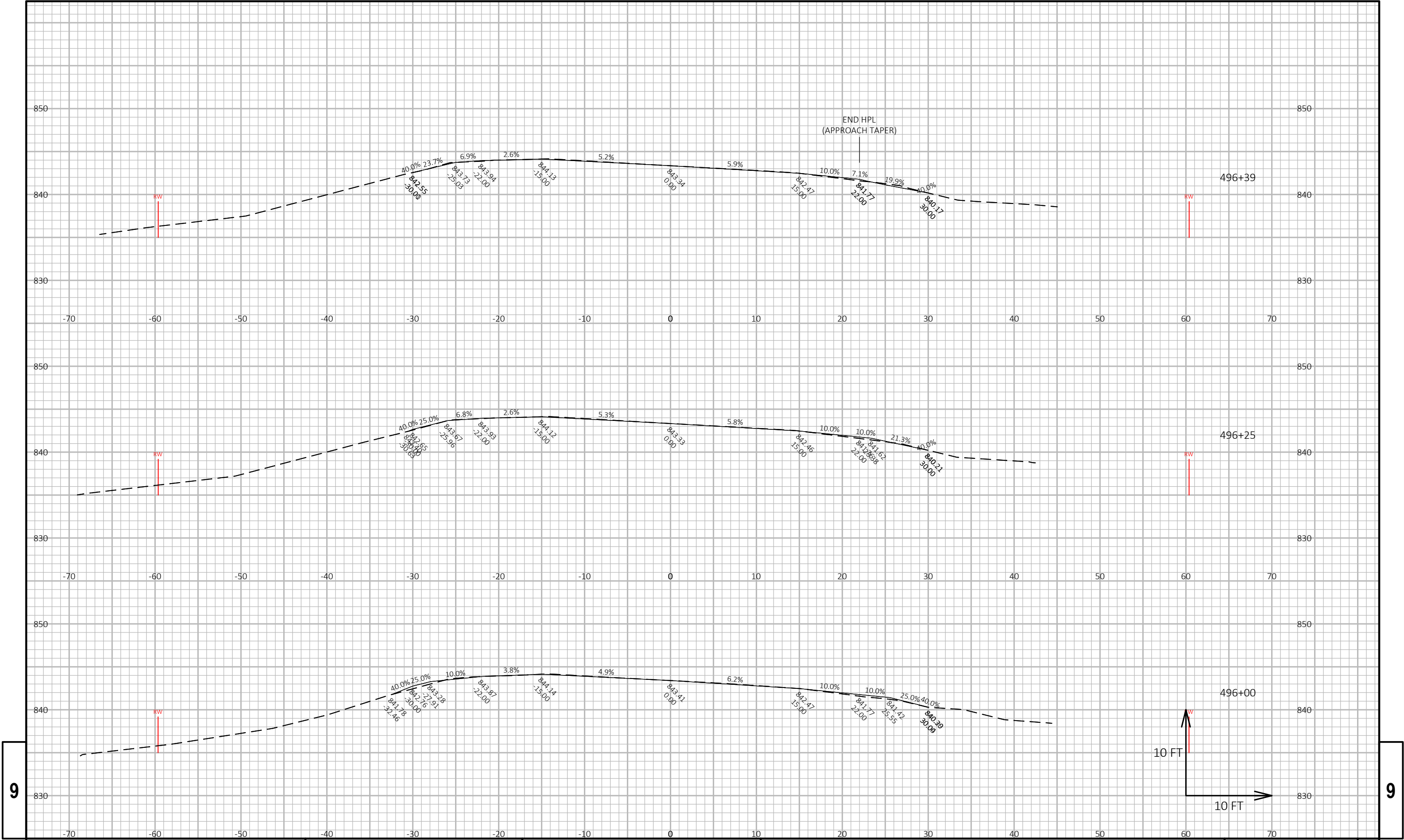
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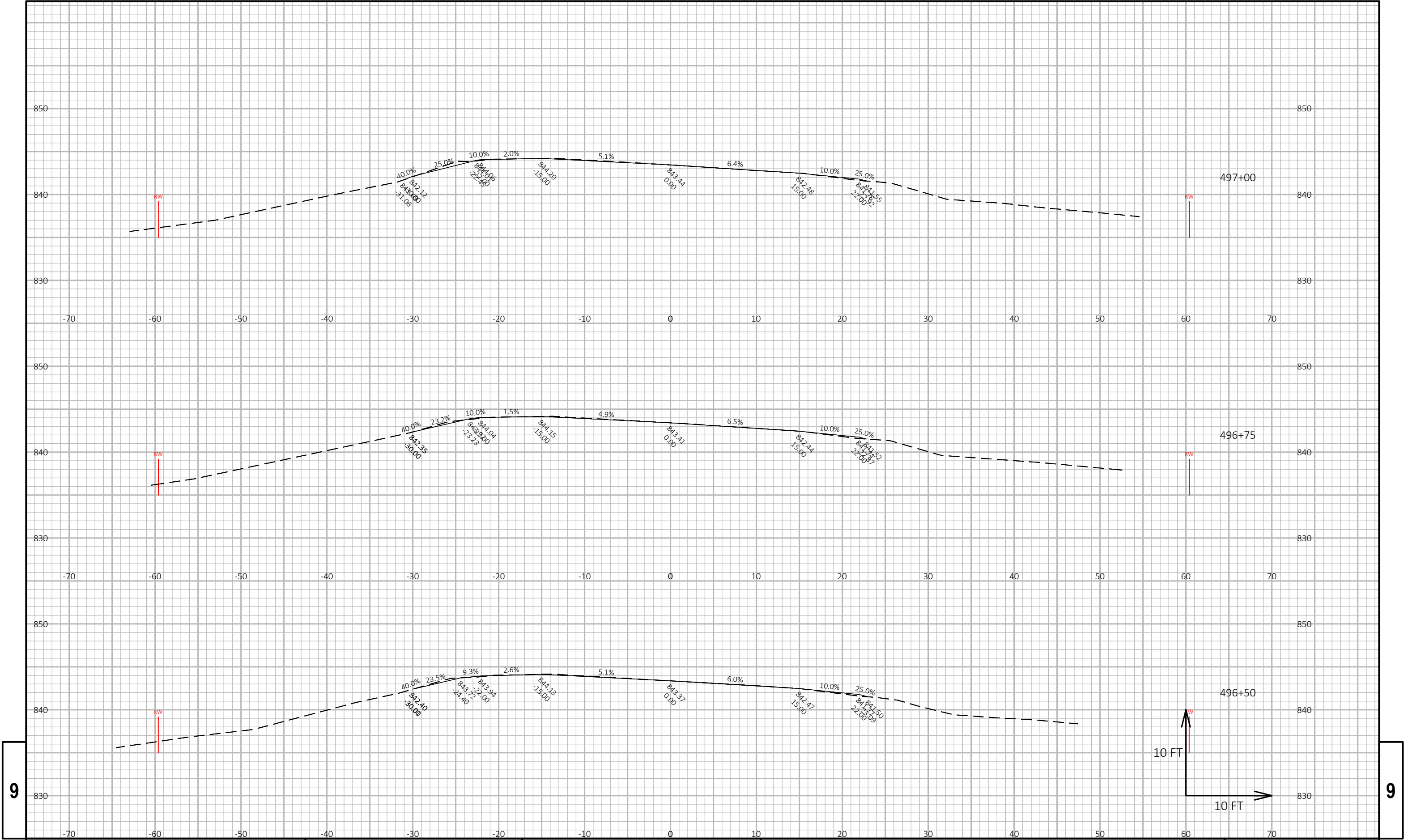
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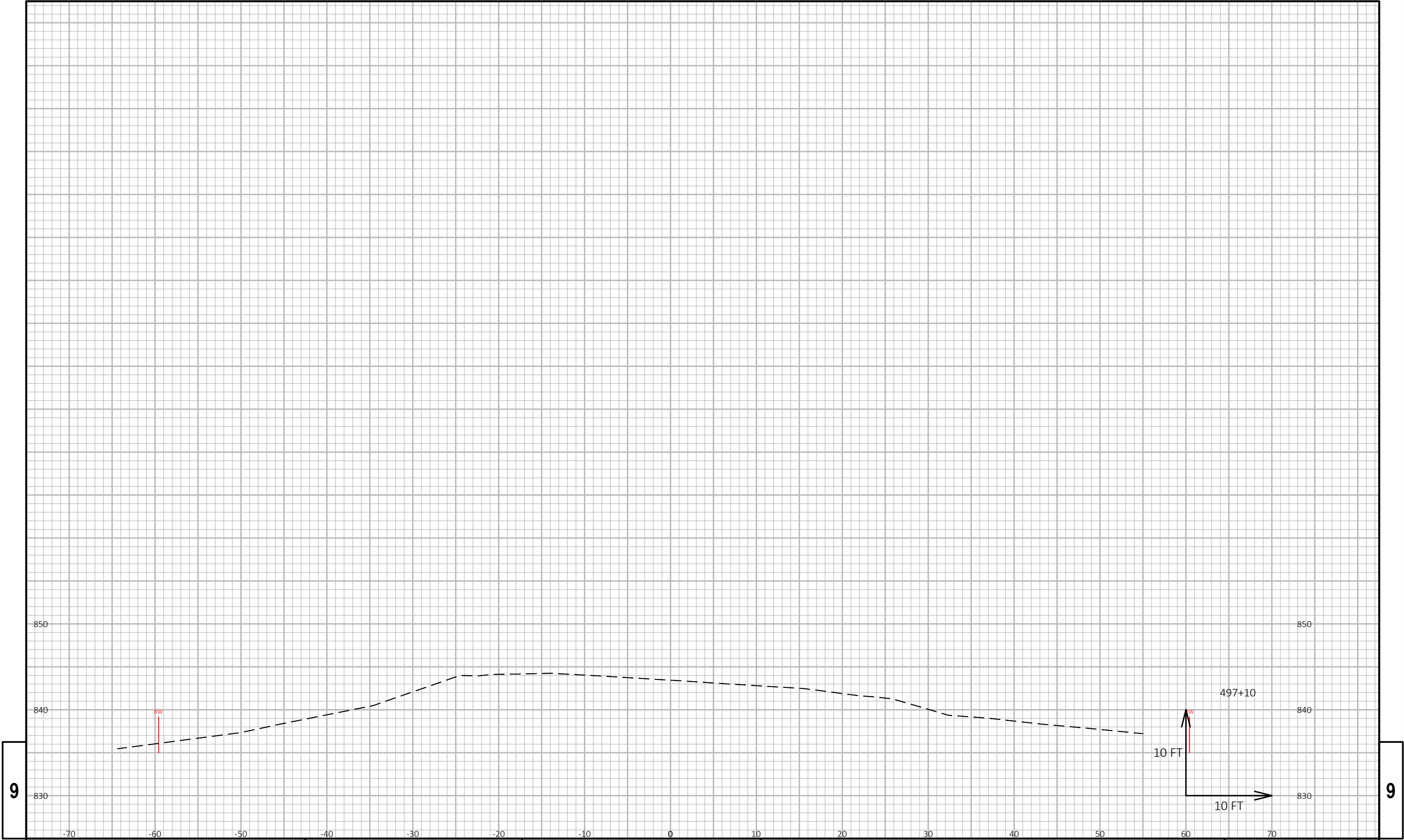
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PROJECT NO:	3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	CROSS SECTIONS:	USH 18	SHEET	E
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PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	CROSS SECTIONS: USH 18	SHEET	E
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